

HEWI

DESIGN  
COMM  
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FORT

# Design Comfort Care

Competence, inspiration and solutions  
for accessible architecture



Awarded with the signet "BEST OF DECADE universal design company" for companies that have been working and designing according to the principles and philosophy of universal design for years.



Awarded with the "ICONIC Award 2021: Innovative Architecture – Best of Best" in the category Communication – B2B Communication for HEWI DESIGN COMFORT CARE / Accessibility in Architecture.

# Design Comfort Care

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CHRISTIANE KÜPER  
CEO, HEWI Inc.

# We see Universal Design as a future task for a whole society

Universal design is in our DNA. In fact our sustainable design philosophy of developing products that offer added value for people, has determined our actions for over 90 years. HEWI stands for holistic architectural solutions from door furniture to complete bathrooms, which are characterized by meeting the highest demands of both design and function. A wide variety of materials and designs offer design opportunities and make accessible access a matter of course in every area. We design inspiring spaces for everyone.

“Our goal is to provide well-conceived products to enable everybody to live a better, healthier and self-determined life whatever the personal circumstances.”

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CHRISTIANE KÜPER



More than 35 years ago HEWI launched its first accessibility products onto the market. The needs of society have shifted since then, particularly because of demographic change. People want to live independently and grow old in their own home for as long as possible. Issues such as social sustainability are increasingly coming into focus. New living concepts are beginning to determine tomorrow's coexistence and care. Added to that, there are changing needs in the individual phases of our lives, which in turn are being influenced by changing relationships between the generations. Multi-generational living is proving how a sustainable, viable alternative can offer practicable solutions to many challenges, and at the same time offer a high quality of life.

As a pioneer in accessible furnishing solutions, HEWI have been working for a long time with experts from the architecture and design scene as well as with end users, in a world in which people of all ages and health conditions can live as independently as possible – in all areas of their lives. The idea of universal design has continued to gain acceptance over the past few years. What found its way into lectures and forums as a theoretical model has now become a reality in many areas. And standards have begun to raise-awareness and a planning basis for an ageing society. When it comes to the use of living space and houses, children, families and senior citizens all have specific individual priorities. At the same time, there are many obvious similarities that have not been sufficiently taken into account in the history of architecture.

Our goal is to develop products that are easy and intuitive to use, that help people cope with everyday life independently with little physical effort. Rooms and their fixtures and fittings should be capable of being adapted at any time to meet the specific needs of the user. HEWI stands for product design that combines intelligent function with appealing design. Universal design can only be understood and accepted as a future task for our whole society, if we are able to accept accessibility products not only as an essential element of comfort but also as a matter of course.

The professional care, hotel, public, home and education sectors are all characterized by very different requirements for building fixtures and fittings. From the perspective of an architectural brand, HEWI designs rooms that provide the best possible solutions for all users in every area of application.

Bathrooms in our own homes have moved on from being purely functional spaces to aesthetically sophisticated wellness areas. This is a development that can be universally understood and designed, allowing the bathroom to be used without barriers by all people. Living and working are redefining themselves in both urban and rural areas which means accessibility must go far beyond your own four walls. In publicly accessible buildings, standards determine functionality of accessible equipment. HEWI offers systems and integrated solutions that can be adapted to every area of application. Well-designed architecture helps the healing process for patients in health buildings. With appealing aesthetic and hygienic solutions, an ambience can be created in bathrooms in which patients, employees and visitors feel equally at home. In individually designed hotels, guests enjoy a temporary home from home experience. A bathroom optimally tailored to meet the needs of hotel guests, that they can use regardless of physical preconditions, shows that accessibility can also be implemented in hotel bathrooms for all guests. The learning success of children depends on good educators. Architecture tailored to the particular needs of children helps promote the learning process. HEWI solutions create an atmosphere that invites everyone to play and learn together.

In all these different areas of people's lives, architecture and design must meet the requirements of being intuitively understandable and sustainable for everyone. Holistically, safety and orientation, sustainability and hygiene, represent the guard rails of our competence as a brand. And they are matched by our design standards in the area of accessibility. HEWI offers users an aesthetic sanitary world that is specifically tailored to their needs: Design Comfort Care.



# Simple, intuitive use

Standards help lead our way forward. They help raise awareness of the need for clear planning principles in an ageing society. We always take into account the needs and abilities of both the young and the old in our society.

Accessibility today is essential for many, many people. It's necessary for a lot more and represents important comfort and quality features for everyone else, without exception.

HEWI has always taken the diversity of society into account with innovative furnishing solutions. In public areas as much as within your own four walls. Solutions that work together with future-oriented architecture, that are accessible, and can always be simply and intuitively used by everyone in society.



## Sustainable solutions

We live universal design as a sustainable and holistic philosophy. All of our solutions work together to create modular, expandable equipment concepts, in a homogeneous, consistent design. As a matter of course, accessories can be interchanged for comfort products with accessible elements, depending on the individual needs of the user. This creates intergenerational bathrooms from a single source, standards-compliant sanitary solutions and ranges for more accessible design of hallways and doors.

At HEWI, design and function are inseparable. All of our products are notable for their reduced and timeless design that blends harmoniously and easily into any bathroom ambience. Intelligent functions mean our solutions can be used simply and intuitively by anyone, at any age or level of personal ability, depending on how much or how little support is required. Universal design is based on people and is designed by people.



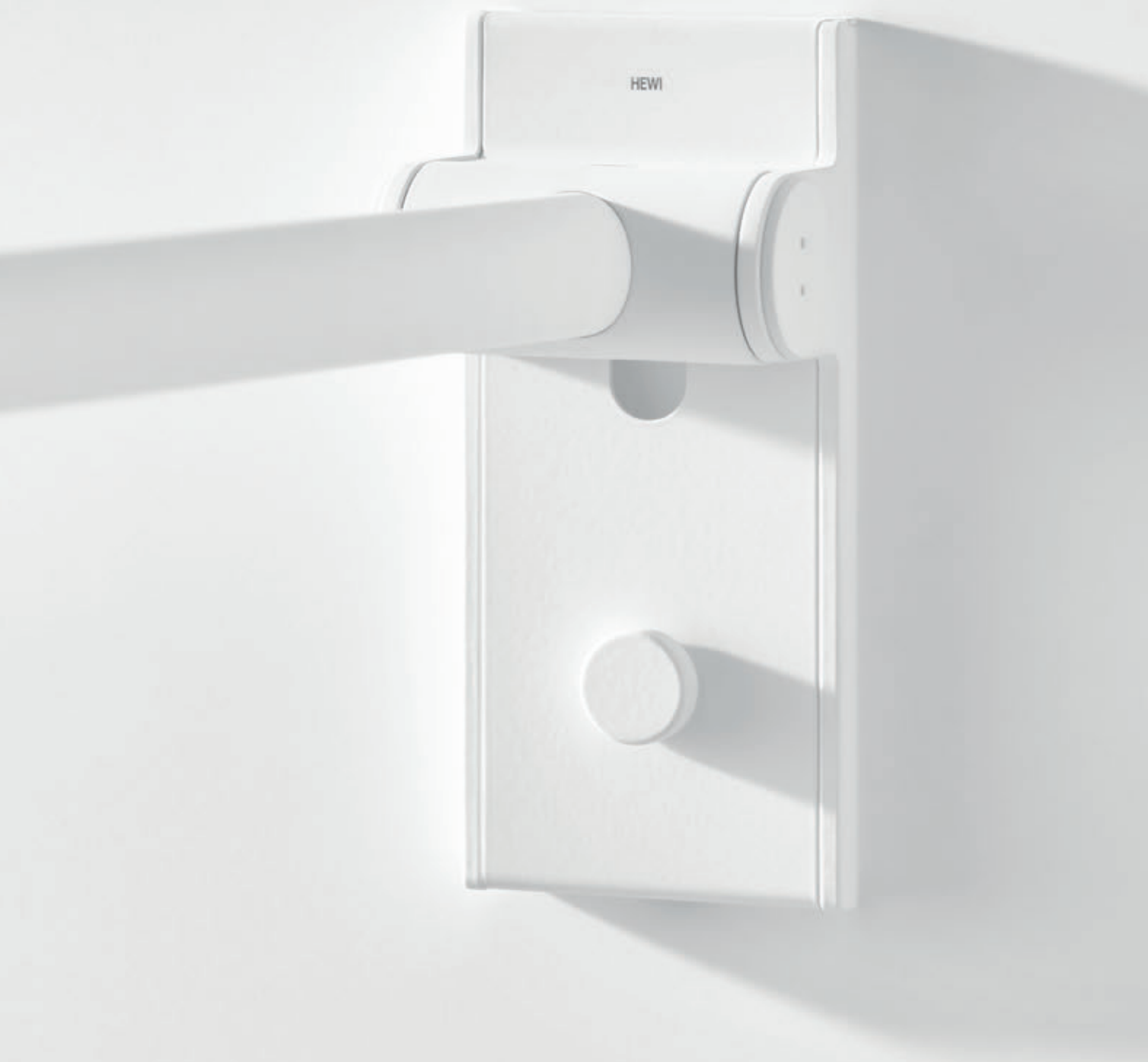
## Design for everyone

Of course, universal design also means avoiding unnecessary complexity. The functions of HEWI products are easy to understand. Control elements are made obvious using several senses so they can be found and used intuitively. And not just standards-compliant products, such as hinged support rails or seats, but also fittings and accessories. Even with very regular tasks like hand washing, washbasin equipment should be designed in such a way that it can be accessible to all generations.

HEWI attaches great importance to even the smallest elements. Take the soap dispenser from the 477/801 series for example. The push button for dispensing the soap is clearly highlighted with a contrasting color. This makes it easy to identify and offers the user easier access to the product's function. The slightly textured surface of the push button also helps make it more tactile. And of course, the dispenser can be used intuitively with just one hand.

# Minimized physical effort

In terms of universal design, an important element for the design of sanitary rooms is to enable them to be used as independently as possible. On the one hand, whilst modular equipment is essential and ideally suited for this, especially in private bathrooms, where maybe not all help is needed right from the start. Rooms and objects should be adaptable to suit individual needs at any time. On the other hand, the products used should, as far as possible, promote independence and thus also self-determination. HEWI products are intended to support a natural posture whilst taking into account appropriate operating forces, and used with a minimum of physical effort.



HEWI

## Understanding movement

With current planning practices and innovative product developments, feel-good bathrooms and barrier-free accessibility can easily be combined. Unlimited accessibility, generous areas of movement with flexible support and seating options, benefit not just the disabled, but people of all ages and walks of life – children, adults, those with a short term accessibility need and caring relatives as well as nursing staff.

Kinaesthetics is also a focus of all HEWI product design. It is how we include different movement patterns into our developments and how we create options for use, including for example, right or left-hand use. Our goal is to consciously perceive movement, recognize movement patterns and ultimately to use them for advancing our product development.

Well considered and intelligently designed equipment can help promote a patient's exercise potential. As well as clearly recognizing the function of an aid, different surfaces and textures, or high-contrast colors help motivate positivity and intuitive use. Our primary goal here is to support people in movement sequences and thus enable greater mobility.







## Providing safety

Holding and support options such as hinged rails or grab handles, support the process of movement at the washbasin, at the toilet and in the shower. By minimizing the effort required to sit down and stand up, the handles can also serve as stabilization while standing.

Depending on personal requirements, HEWI offers a wide range of solutions like hinged support rails with a second level grip, which helps support particularly complex movement sequences, such as transferring from a wheelchair to the toilet. The horizontal level serves as a support when sitting down and as a leverage point when pulling or getting up. The vertical plane supports the quite complex change of position, for example when turning around the body axis.

# Hygiene as a social responsibility

It may seem self-evident but hygiene has always been a particularly important subject in the care sector. Today, however, hygiene and protection against infection are also becoming determining factors in the interior design of public and semi-public buildings. Even with short cleaning intervals, handrails, door handles and sanitary equipment represent fertile ground for a multitude of pathogens with an increased risk of infection. Innovative materials, hygienic processing and intelligent functions can effectively support passive hygiene and significantly reduce the risk of infection.



## Hygienic materials

After the transmission of infection from breath, the second most common source of infection for the transfer of viruses and bacteria is via the hands. Choice of materials has a decisive influence on hygienic product design. Stainless steel is a pore-free and therefore particularly hygienic surface. Minimal care is enough to prevent dirt or microorganisms from accumulating. The material is extremely robust and insensitive to scratches. And stainless steel products are also extremely resistant to cleaning agents and disinfectants.

High-gloss polyamide is another material with a pore-free surface and optimal cleaning properties. The choice of material is an essential part of product development at HEWI. Active<sup>+</sup>, enriched with microsilver, is a particularly innovative surface material, which continuously inhibits the growth of germs on its surface, offering an effective and active hygiene plus for hallways and sanitary areas.

## Well thought out details

We do a lot of thinking about the details. For example, we make sure our products have the smallest possible number of joints and connection points in which dirt and water might collect. Naturally this thinking is particularly important at the washbasin or in the shower.

With uneven walls, railing systems and their fixing roses are often not completely flush with the wall. With one of our well thought out installation features, a quick and reliable seal solves the problem. With the wall brackets from our System 900 for example, the hinged support rails, as well as their roses can be equipped with these sealing elements. They are also designed to ensure water does not collect on the surfaces and can easily run off.

From entering to leaving sanitary rooms, which are equipped with common dispenser systems, we can touch up to 20 surfaces – from door handles, to soap dispensers, to the flushing lever. To reduce the risk of infection, contactless product solutions are the obvious answer. As well as classic sanitary solutions, HEWI offers a large selection of products with non-contact sensor design.





# Design contrasts

To understand color and contrast means learning to see in a new way. Their interaction always works in the context of the architecture. The need for security and orientation plays a major role in all areas of life – but especially within publicly accessible buildings, offices and commercial buildings, or buildings in the healthcare sector. Colors and contrasts are essential for patients and residents in hospitals and nursing homes in particular. With deteriorating eyesight as we get older or in the case of dementia, the design of rooms and equipment, in hallways or bathrooms for example, can have a major impact on independence and orientation, and thus on people's quality of life and wellbeing.

## Color gives structure

Colors and contrasts can provide an intelligent guidance system throughout a building. Color structures rooms and clearly differentiate one area from another. A coherent color concept serves as an aid to orientation, for example making it easier to find a floor, ward or station. Colored accents give long corridors depth and structure, especially with handrails, door frames and door handles that are color-coordinated. Rooms with limited access can be merged into the background with neutral colored doors and door handles.

For the clear conveyance of information, communication and orientation systems should be designed according to the two-senses principle. This means, the simultaneous transmission of information via at least two senses (sight, hearing or touch). HEWI offers a wide range of solutions when it comes to fittings and sanitary facilities, where a missing or limited perception is compensated for by a different sense.

## Functional clarity

Deteriorating visual acuity can make it difficult to grasp the impression of a room. Clear colors and contrasts can really help orientation. The degree of contrast always depends on the color of both product and background. With the help of light reflectance value (LRV), contrast can be theoretically calculated. As a guide, colors with a low LRV create the greatest contrast against a white wall, for example, a black product on a white wall. HEWI specifies the LRV value for the colors we use to guarantee the best possible design options.

Contrast indicators can also be used within individual equipment solutions. As we've seen, products with contrast are more easily perceived when they stand out against the background. So, if only the functional area of a product is colored, that contrasting accent signals and supports intuitive use.







# Holistic equipment

HEWI's individual equipment concepts are distinctive for their modularity and can be further developed with the respective needs of the customer. Our concepts can adapt to specific living conditions and enable a more holistic way of living. Individuality begins with the room architecture and ends in the smallest detail of its furnishings. Different stages of life or temporarily changed living conditions require a new, advanced way of thinking in terms of equipment solutions. Concepts that can be quickly and easily adapted as well as design-oriented accents, are solutions that enable future-proof living – be it within your own four walls, in healthcare or public buildings.

## Consistent down to the last detail

Those who take design seriously must also consider the relationship between individual needs and the challenges facing society as a whole, regardless of whether rooms are holistic or individual solutions. HEWI's system solutions deliver design continuity from door furniture to entire bathrooms, in a unique way. For us, accessibility elements are not a feature or a special series – they are part of our entire thought, design and production process.

This is why our system solutions adapt to the needs of users across all generations. Our systems can be expanded and tailored to suit the needs of the user.

The bathroom is often the key that empowers our own self-determination and the independent use of our living environment. A bathroom designed for several generations to use, can offer solutions for everyone – whether large or small, with a wheelchair or without, or any other aid. However, accessibility goes beyond your own four walls. HEWI enables unrestricted use that meets the standards for all people in all types of property.

Accessories, easy to use products, accessibility elements and fittings form a consistent unit at HEWI, in simple, yet elegant designs that can be expanded at any time, as and when required. In this way, additional supporting solutions can be retrofitted into existing equipment environments. Because of their design, HEWI solutions fit perfectly into any ambience and without attracting attention as a support product. Clear design language, innovative functions and the highest standards of quality and durability, all help to remove negative associations.

The intergenerational bathroom also has a social dimension. It can be changed over time so that this special room, adapts to the requirements of all and future generations. In addition to sanitary rooms, HEWI also creates accessibility solutions with products for corridors, windows and doors, that form cohesive units together with our sanitary products. Diverse designs and materials offer unique design options for every area of application.





HEWI

# Sustainable design

The essence of the term sustainability, which is deeply rooted in HEWI culture, is not only long term thinking, but also acting. The planet we live on must be preserved and protected. Today's generations should not be responsible for wasting the resources of future generations. HEWI has adapted to changing environmental sensitivity and to the challenges we all face today. We understand the concept of sustainability both individually and economically. What shapes HEWI product development is demographic change linked to both our ecology and the need for sustainability.

## Sustainability as a design approach

Social sustainability can often be seen in innovative ways of living and in new concepts for cross-generational building and accommodation. Social sustainability must also be seen as a social responsibility. As a design principle universal design totally supports this approach.

HEWI solutions are recognizable for their future-proof design. Our products can be used equally by everyone across all generations. Modular system solutions that have a completely natural, unobtrusive presence in a room and whose form was developed with the function in mind, are the hallmarks of sustainable bathroom design.

With the highest standards of quality and design, and by insisting on using first-class materials, we guarantee that our products will remain in use for decades without wearing out or becoming obsolete.







## Quality and durability

HEWI is a respected and sought-after expert in the field of plastics and injection molding technology because of our decades of experience and our constant drive for innovation. A state-of-the-art facility with in-house toolmaking, automated assembly lines and innovative storage and logistics systems are the foundations of our production base.

Consistently thinking about quality has long been one of our core values. HEWI products are tested far beyond the norm and the results recognized and certified many times.

At our production facility in Bad Arolsen in Germany we are committed to adhering to the climate paths based on the Paris agreement and can look back on constant improvements in our energy usage. We have continuously invested in the development of environmentally friendly manufacturing processes. The raw materials we use are subject to strict controls to ensure we produce as little scrap as possible is sent for recycling.

However, all our efforts to make our operations and production more environmentally friendly and ecologically sensitive would be inconceivable, without the initiative and commitment of our approximately 550 HEWI employee partners. Every day, each one of them contributes to making HEWI, our products and our processes a little better.



RICHARD DUNCAN, MRP  
Executive Director, Universal Design Institute and Better Living Design Institute

# Universal Design – the focus is on people

The move towards spaces and products that better serve the needs a diverse set of users began in the US in the early 1960's with the issuance of the first national accessibility standard. Over the past 60 years, the practice of accessible design has grown so that most non-residential construction in the US is required to include significant elements of accessible design. The accessibility requirements in federal law and building codes that have been in force over the past many decades have produced a markedly more usable and safe built environment, including features such as step-free entrances, wider doorways, low-force controls, easy-to-grasp door hardware, among many other features. More accommodating restrooms are a signature achievement of accessible design too. For example, mounting locations and the proximity of equipment are important for people who use wheelchairs or who may have limited reach range. The design standards reflect these users' needs in the mounting heights for common accessories, such as mirrors, towel dispensers, waste receptacles, soap dispensers, sanitary napkin / tampon vendors, grab bars, toilet tissue, seat-cover dispensers, and sanitary napkin disposals.

The primary identified user group for accessible design has been people with disabilities, with an emphasis on those with significant mobility impairments. But since the 1980's we have come to understand that there is a much broader user group who benefits from more responsive design. This understanding has been aided by the emergence of a related design paradigm: Universal Design. The term universal design first entered into usage in the mid-1980's by United States (US) architect,

Ronald L. Mace, FAIA. Since then, the concept of universal design has spread worldwide and has influenced and joined related concepts such as Design for All, Life Span Design, and Inclusive Design.

Universal design also emerged from understanding that federal and state accessibility requirements are not only legal minimums, but can be functional minimums as well. Few would argue that the US's accessibility requirements offer optimal functionality. Universal Design brings us closer to the goal of optimal design outcomes. A universal approach also recognizes the need for better design to be applied to into more products and spaces, creating a mainstreamed appearance. For example, early attempts at creating accessible lavatories in restrooms often resulted in a singular, solitary accessible unit, right next to a line of inaccessible sinks. Happily, we now design the entire line of restroom lavatories with accessible knee space, easy-to-use accessories and faucets. Now, everyone has equal access and use of all sinks.

Universal design recognizes, values, and accommodates the broadest possible spectrum of human ability in the design of all products and environments. It requires sensitivity to and knowledge about people of all ages and abilities. It helps reduce the need for special features and spaces for "special" people, which are often stigmatizing, embarrassing, different looking, and usually more expensive.

While the accessibility standards were created to principally benefit people with

“Universal design in  
restrooms and the  
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in them, has come of age.”

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RICHARD DUNCAN

particular disabilities, experience has shown that environments built with accessible and universal design features often benefit a wide range of users, including people that we might traditionally identify as having impairments but also others not thought of in the same way:

- Children
- People who are short, tall, large or heavy
- People with temporary health problems
- Older adults
- Adults of any age who need assistance in the restroom
- People who use mobility equipment such as power wheelchairs or larger scooters

Demographic changes that include the growth in the population of older adults, convey an added urgency to these design trends.

With respect to the restrooms in public buildings, here are a few examples of good design practice and universal design in restrooms:

Adopt an explicit objective of providing unobstructed routes of travel within the restroom to each fixture and accessory. Provide alcoves for baby changing stations and design for ample clear floor space and turning spaces. Extra space is valuable in crowded restrooms and for those who use crutches, canes, walkers or wheelchairs.

Touchless controls have been growing in popularity for many years. They are useful for those with reach or grasping challenges. The ongoing global pandemic has also reminded us of the hygiene advantages of touchless fixtures and accessories.

Where possible, provide door-free restroom entrances. This is a real advantage for people with reach or grasp limitations, for those who use mobility equipment, or those with packages or luggage, avoiding the need to maneuver through and around hinged doors makes that path of travel much easier, and more hygienic too.

Single use restrooms have also become more popular in recent years. Also called family restrooms, they can be a real boon for adults attending to medical issues, for parents changing diapers, and for opposite gender adults assisting other adults with bathroom

tasks. Single user restrooms are also the preferred location for adult changing stations.

Full height mirrors allow people who are tall, short, seated, or children to have a complete view of themselves.

Universal design in restrooms and the products that are used in them, has come of age. I have known HEWI's product line for over 35 years and have admired their dedication to making high quality, durable, functional, and good looking products. Of course, HEWI's commitment to better, more usable design goes back many decades and has long contributed to the movement for more usable and useful environments.

**RICHARD DUNCAN, MRP —**

Richard Duncan is the Executive Director of the Universal Design Institute and the Better Living Design Institute in Asheville, North Carolina. Richard has spent over 35 years in the field of architectural and product accessibility and universal design in residential, public, and transportation environments. He has extensive experience in accessible and universal design, costs, materials, and products. Richard's projects, seminars, courses, and speaking engagements have taken him around the world.

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# Home

The bathroom has developed into a central, very personal and intimate space within our own home. Its design should enable flexible use that can also be individually adapted. Safety and wellbeing have become ever more important. When planning and furnishing our bathrooms, authentic materials, timeless, yet stylish design, together with solutions precisely tailored to our own personal needs are becoming the norm these days. HEWI system solutions offer security and support and, in combination with excellent design, create a blissful feel-good atmosphere that unites functionality, comfort and aesthetics in a unique way.

— [www.hewi.com/home](http://www.hewi.com/home)





ME



BENNETT FRIEDMAN  
Principal and Design Director AF, New York

# New comfort in the bathroom of the future

The word 'wellness' has become a popular marketing term, loosely used and not well defined. We are influenced to believe that it is about health, or mental balance, or just feeling good. I think it is just a misapplied word for what we are really looking for: a greater sense of well-being.

There is no better place to achieve that total sense of well-being than our in bathrooms. Yes, our bathrooms are the most intimate place in our home. It is a place of sanctuary and repose. A celebration of the human spirit and condition. A place of ritual, comfort and meditation, intertwined with our necessities. It is in our bathrooms that we awaken our sense of being. Our retreat for life's most basic functions. Often in a state of full or partial nakedness, we are confronted by our own selves, vulnerable and real. We stand by a mirror to self-inspect for that new wrinkle or gray hair. We bathe and shower to renew our physicality. We grab something to read on the

toilet to escape. In the bathroom we feel human, body and mind: we think; we do; we cleanse; we dream; we plot & scheme; we meditate; we resolve; we forget; we ARE. Intimate and precious, these moments make us feel complete and help us achieve a personal sense of well-being.

The lock on the bathroom door is more to keep ourselves in, rather than to lock someone else out. In our own privacy, we come to grips with our life experience. My young granddaughter approached me a short time ago to announce to me that she was growing and that her bones are growing. And, sometimes her growing bones hurt, but that was all part of the Life Experience. There is no place we live the Life Experience more than in our bathrooms.

Our bathrooms should be beautiful. They should be inspiring. They should emotionally and intellectually affect us by the use of

“Our cultural education and fears of aging drive us away from facing the obvious and planning our spaces for the future.”

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BENNETT FRIEDMAN

materials & colors, the application of luxury & comfort. But our bathrooms must also be safe and functional. There is no well-being amongst risk and hazard. There is no glamour if it doesn't meet our essential needs. After a year of a pandemic and being stuck in our personal caves, we are forced to reflect on our personal space. The concept of Living in Place began to make sense to us.

Nobody likes to admit their flaws and nothing is more inherent to our human condition than the 'flaw' of aging. The passing of time is inevitable and true. In our quest for well-being, we often ignore this reality, prefer to think that we will never change, that we will never succumb to an accident or unplanned condition. Our cultural education and fears of aging drive us away from facing the obvious and planning our spaces for the future.

We erroneously associate grab bars and special equipment with hospitals and nursing homes. Rather than symbols of an unpleasant end, they should represent our freedom and independence. It is about 'Living for Life'. It is about wisely constructing our spaces to be functional for all our stages. It is about a sports injury or chronic back pain, a sudden slip or simple distraction. It is about the creation of an architectural space both inspirational and functional. It is about design that aids us, allow us to be independent and mobile, and truly respects the Life Experience.

**BENNETT FRIEDMAN, AF NEW YORK —**

Bennett Friedman is the Principal and Design Director at AF New York. For more than 30 years AF New York has served as the premier source of kitchen, bath, tile and architectural hardware to the architecture and design community.

Bennett's vision has led AFNY to transform the way in which bath and sanitary design is perceived. AFNY presents its selection of product from an artistic point of view, allowing individual pieces to stand alone as art. The presentation aims to represent a seamless fusion between art and design.

**PROJECT**

Loft with roof terrace,  
Cologne, Germany

**ARCHITECTURE**

Architect Borchmann,  
Cologne, Germany

**YEAR**

Renovation: 2018–2019

**01** — The glass front of the roof terrace floods the penthouse apartment with natural light.

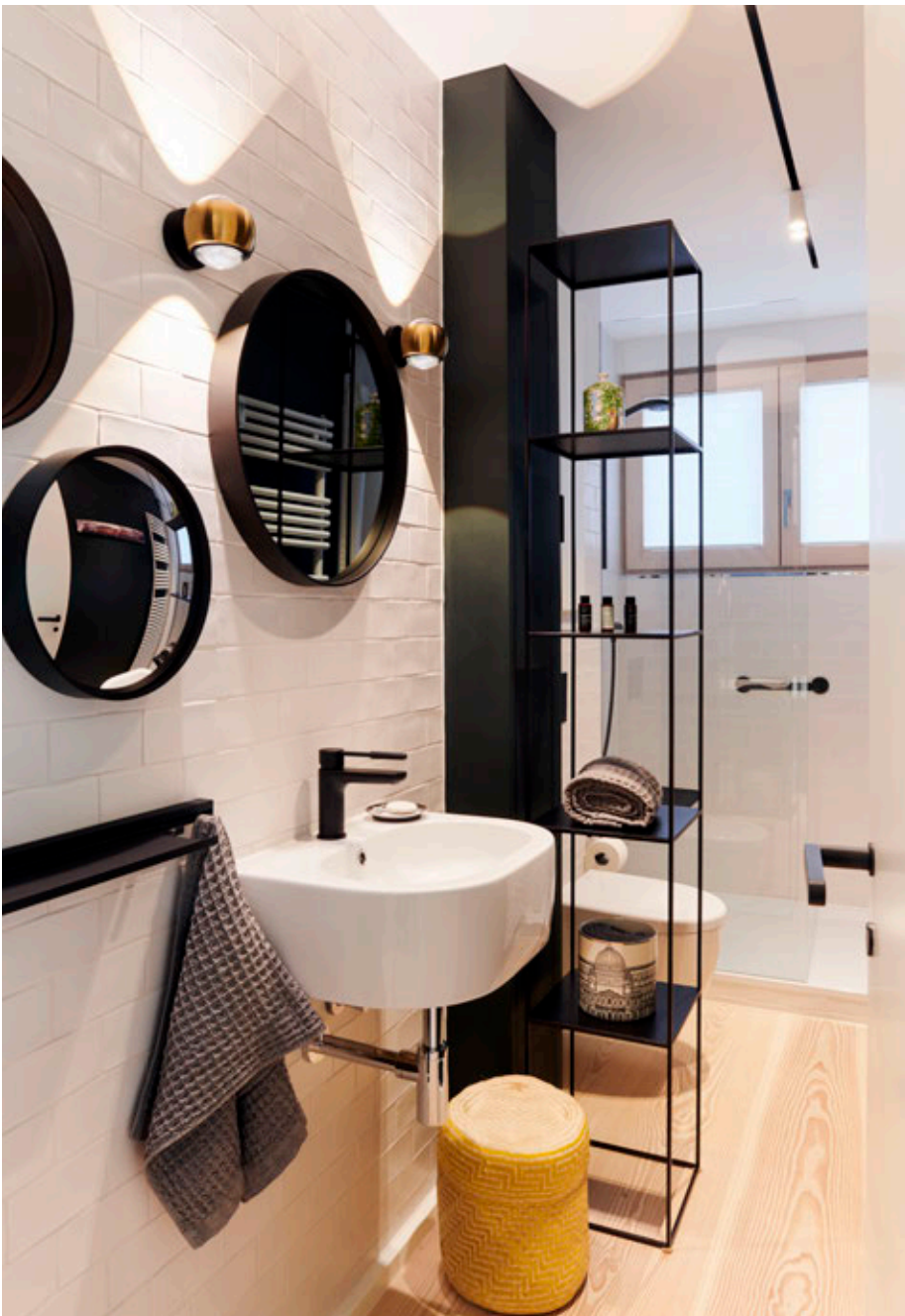


# Loft with roof terrace Cologne, Germany



**02** — HEWI's System 900 design with matt black surfaces compliments the entire interior of the penthouse apartment, which was furnished in the style of the 70s and 80s

**03** — The sanitary solutions from HEWI's System 900 offer functional and accessible support making a strong interior design statement in the bathrooms.







Lindenthal, with its magnificent villas, is one of the most sought-after residential districts of Cologne. Here is where this high-quality, renovated penthouse apartment with roof terrace, is located in a building complex of six houses.

The buildings themselves are staggered and slightly angled away each other. This was an unusual arrangement in the 1950s, yet the original architects created better light and sunshine levels in the individual apartments and an easing of the westerly winds. At the same time, the design emphasizes the character of individual living.

The property is surrounded by sycamore trees which helped establish a kind of “tree house” effect during the renovation of the apartment. The owner wanted to create a special relationship with the natural environment and wood is one of the materials seen in abundance in the renovated apartment. Douglas fir floorboards as well as windows and matching window sills made of Ash, provide natural accents and bring the space closer to the tree house idea.

The demands on our homes change within a life cycle. It was one of the reasons the owner not only attached great importance to the details, but also had the foresight to make the property “fit” for the future. No threshold transitions, expansion of the areas of movement and accessible products in the two bathrooms are the result.

The redesign of the apartment was based on the universal design concept. The bathrooms were fitted with an Italian metro tile, a bathtub and shower from Kaldewei as well as accessories and accessible products from HEWI.

HEWI develops design systems based on a modular principle. This offers a high degree of flexibility matched with exceptional design and high quality materials at the same time. Bathrooms of any size can be designed using this principle. It also meets the owner's demand for a flexible concept that can adapt to whatever they require, whenever they need it.



# New Homeliness

The future of living lies in a new sense of familiarity and furnishings that are individually tailored to individual needs. Far from the unreal, materialistic world, it is oriented towards the most important element: people.

HEWI is committed to a world in which people of all ages or health conditions can live as independently as possible. With the highest design standards and consistently intuitive functionality, universal design takes everyone's needs into account. HEWI has been living this ideal for more than 35 years as a sustainable and holistic design philosophy.

# A bathroom for everyone

## MOBILE SOLUTIONS

HEWI offers solutions for every area of the bathroom that requires support and security. With detachable equipment solutions, every bathroom can be prepared for tomorrow today.

In these times of demographic change, awareness of the need for comfort and cross-generational living space has increased exponentially. The desire to stay at home for as long as possible is becoming increasingly important. In many cases, the bathroom is the key that enables people to live independently for as long as possible within the familiarity of their own four walls. As well as comfort and a feel-good factor, our bathrooms should also be functional and usable across generations – in other words, they should be capable of being adapted to the changing needs of the people who use them.





# The future of care in your own home

## SYSTEM 900

HEWI's System 900 offers security and support and in combination with excellent design, creates a feel-good atmosphere that unites functionality, comfort and aesthetics in a unique way.

Being cared for at home and mastering everyday life as independently as possible, is now very much part of people's future thinking. The German study\* entitled, "Erfolgsfaktor Badezimmer für die ambulante Pflege" emphasizes how important it is to create future structural solutions and product solutions that enable those affected and their relatives, as well as outpatient care staff, to live and work in an environment where everyone feels comfortable and supported. Naturally, the industry was also involved in the study. HEWI contributed with its long standing competence for accessible equipment solutions. An important aspect of the study is just how decisively important the washbasin area is for people's independence, their care by relatives or by support staff.

\*The ZVSHK, in cooperation with the German Professional Association for Nursing Professions (DBfK), the Federal Association of Senior Citizens' Organizations (BAGSO) and the Federal Association for Home Adaptation (BAGSO), conducted the study "Bathroom Success Factors for Outpatient Care".



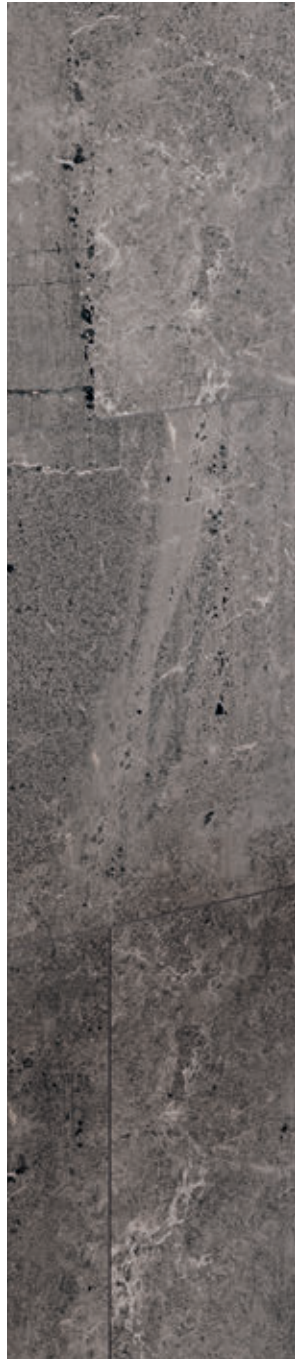


# The demand for flexibly adaptable solutions

## THE MODULAR WASHBASIN SYSTEM

This modular washbasin system can be expanded or reduced quickly and easily with additional functions. The design solution is particularly flexible and eliminates the need for extensive renovation work.

Today, there's demand not just for new living concepts, but innovative furnishing solutions as well. The German study has shown there is traditionally a distinct lack of shelf space around the washbasin. Regularly used items, like toothbrushes, toothpaste or washcloths, often have to be handed to the user by a carer.







The modular washbasin system from HEWI can be individually configured to meet the user's needs. This unique concept enables the integration of an adaptive grab rail, which also serves as a towel holder, and a modular storage system directly on the washbasin.

The washbasin offers security and ensures that bathroom utensils like soap dispensers, toothbrushes and mugs are all within easy reach. They can be quickly and easily expanded with additional functions and just as easily removed again.

This practical storage system is also suitable for wall mounting as shown offering further expandable functionality. Crafted from stainless steel with a powder coating – the system is available in various deep matt variations. Black, shades of gray and white offer design leeway for every bathroom.

HO-

# Hotel

Well-designed hotels create an unmistakable ambience, inviting you to relax yet at the same time inspiring their guests. A bathroom that is optimally tailored to the needs of individual hotel guests shows how accessibility can be implemented as a matter of course. Accessibility not only means the fulfilment of perfectly normal requirements. It also creates the conditions for the guest to feel comfortable and supported in their own independence.

— [www.hewi.com/hotel](http://www.hewi.com/hotel)



TELE



MARK S. JACKSON  
Senior Accessibility Consultant, Manager, Commercial Building Services



DAVID A. MIKE  
Accessibility Consultant, Commercial Building Services

# Accessible hotel experience

An often overlooked (and impactful) aspect of hotel room design is the bathroom. True, it isn't a space in which guests spend most of their time, but good design makes a difference throughout the hotel experience. In preparation for an anticipated increase in a traveling public that is older, healthier, and wealthier, this is a particularly good time to amp up the hotel experience, since competition is likely going to be heightened. There is no question that travelers – for business or pleasure – will be looking for the best possible experience.

You will want each guest to be pleasantly surprised when they first open the door to their guest room. Aspects such as color, fabrics, lighting, bedding, furniture, and layout pop out quickly and all make an immediate impression. Less sexy, but just as important, is the bathroom where good design choices can be an even more critical component of the overall guest experience. To be sure, any poorly designed space can result in a negative impression and a less-than-stellar review. One of the biggest complaints we hear from hotel operators is that discerning guests do not like to be placed in an accessible guest room. They often see the rooms as a downgrade.

The main reason guests feel this way is the poor design of the accessible guest room bathrooms and the products and fixtures specified. So, yes, it is the hotel's responsibility to provide compliant rooms. But, a badly designed "ADA bathroom" in a guest room designed to incorporate legally required mobility features for guests with disabilities is almost certain to result in a negative guest experience when no thought is put into providing attractive non-institutional accessible design features.

When designed correctly, accessible barrier-free bathrooms provide the support that guests with disabilities require to perform everyday tasks. At the same time, with thought, planning and creativity, these rooms can be viewed as an upgrade, carrying through the hotel's highest standards. Instead, we often find that accessible and barrier-free bathrooms are designed to the bare minimum requirements and include unattractive amenities not found in standard guest room bathrooms. But the legal requirements can be (and should be) viewed as an opportunity to provide an even higher standard of design and comfort in guest rooms. With the right product,

“Well-designed hotel bathrooms create an overall memorable guest experience. The experience is further enhanced when the incorporation of accessible design is seamless.”

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MARK S. JACKSON AND DAVID A. MIKE



ADA-compliant layouts and accessories do not have to be a distraction and can be convenient and appear attractive, cohesive, and upscale, thereby elevating the guest experience. For example, the existence of standard grab bars at bathing fixtures is often perceived as institutional and haphazard relative to the overall room design. Tailoring the style, shape, and color of the grab bar to the style of the room creates a coordinated design, as opposed to just an “add-on” standard institutional model. Grab bars come in a variety of colors and finishes and can coordinate with any fixture.

This goes for other bathroom fixtures and accessories as well. There are many other improvements (some of which are relatively low-cost) that can be made to enhance the guest experience of accessible and barrier-free bathrooms. The options for attractive wall-hung sinks, countertop and cabinetry selections abound. There are also many options for tub and shower seats, hand showers, hardware, and other accessories that, when specified and installed properly actually create value and elevate the functionality, appearance, and comfort of the room.

One of the important things to remember when designing accessible guest room bathrooms is that the room will likely not be used by a person with a disability most of the time. Well-designed accessible guest rooms can be assigned to guests with and without disabilities without the guests feeling that they have received a lesser quality accommodation. In fact, well thought out accessible guest rooms can improve the bottom line of a hotelier. The extra space and convenience of accessible features can be promoted as a perk! Therefore, it is important for designers to not lose sight of the fact that accessible bathrooms must accommodate all types of hotel guests, including, and not limited to guests with disabilities. In fact, what better time, as the ADA marks its 31st year, to acknowledge the intent of the law – to prohibit discrimination against individuals

with disabilities; but to celebrate the spirit of the law – to ensure that people with disabilities have the same rights and opportunities as everyone else. There is really no reason to design accessible bathrooms that feel uncomfortable and unwelcoming. With a little ingenuity, creativity, and an eye for the right products, the design of accessible hotel bathrooms can be greatly improved resulting in increased guest satisfaction and stays – for all guests.

**MARK S. JACKSON —**

Mark S. Jackson, CASp, is an Accessibility Consulting Director at Steven Winter Associates, Inc. (SWA), where he oversees the commercial building project portfolio for the Accessibility Consulting Team. Services overseen by Jackson include, but are not limited to, plan reviews and field inspections, due diligence and barrier removal surveys, remediation development, design assistance, litigation consulting, technical assistance, and training. Jackson routinely provides expert witness and litigation consulting services and works on new construction, alteration, and existing facility retrofits throughout all stages of project development, design, construction, and fit out. His experience spans the spectrum of commercial project types including schools, healthcare, hotels, restaurants, retail, theaters, offices, and much more.

Jackson is an International Code Council (ICC)-Certified Accessibility Inspector/ Plans Examiner and California Certified Access Specialist (CASp) with specialized expertise in the accessible design and construction requirements of federal, state and local laws, and building codes, including the Americans with Disabilities Act (ADA).

**DAVID A. MIKE —**

David A. Mike is an Accessibility Consultant at Steven Winter Associates, Inc. (SWA), where his primary responsibilities include conducting plan reviews and field inspections to assess compliance with the accessible design and construction requirements of federal, state, and local laws, and building codes, including the Americans with Disabilities Act (ADA). Services performed by David include, but are not limited to, plan reviews and field inspections, due diligence and barrier removal surveys, remediation development, design assistance, litigation consulting, technical assistance, and training. David works on new construction, alteration, and existing facility retrofits throughout all stages of project development, design, construction, and fit out. His experience spans the spectrum of commercial project types including schools, healthcare, hotels, restaurants, retail, theaters, offices, and much more.

David is an International Code Council (ICC)-Certified Accessibility Inspector/Plans Examiner with specialized expertise in providing innovative design solutions for accessibility retrofits

**PROJECT**

Lighthouse Hotel & Spa,  
Büsum, Germany

**ARCHITECTURE**

Architectural Co-Operative  
Architectural Practice  
Ladehoff GmbH,  
Hardebek, Germany

**YEAR**

2019

**01** — The viewer should perceive the ensemble as a single building, which nevertheless should also not hide the fact that they belong together.



# Lighthouse Hotel & Spa Büsum, Germany





The popular vacation destination Büsum in Germany is characterized by sea, sand and wind. The land and seascapes are picturesque, but the North Sea has a rough side when storms rage and the waves roar.

Here, the architectural practice incorporated the diverse character of the coastal landscape into the design concept for the Lighthouse Hotel & Spa. The result is a stylish design hotel with 111 rooms and apartments, which are equipped for guests with different tastes, preferences and interests – from beach holidaymakers to wellness guests.

The large building volume was divided into small individual structures and conveys a typical North German harbor charm. To the casual observer, the Lighthouse Hotel & Spa looks like an ensemble of separate but similar

buildings, which including the hotel, also houses three restaurants, conference rooms, a delicatessen, two shops and a harbor bar.

Here is a modern architectural language which blends harmoniously with its surroundings between the dyke, lighthouse and historical harbor. This is a design concept with a mixture of maritime influences and industrial design. The interior is graceful and calm, whilst at the same time, exuding a cool and urban chic.

HEWI products chosen from our System 900, with an elegant dark powder coating, fit perfectly into the industrial red brick and matt black elements of the interior design, and demonstrate how stylish accessible hotel bathrooms can be.

**02** — The combination of maritime flair and industrial design in a modern style is consistently implemented through the black steel and lighthouse symbolism in the corridors.

**03** — Black construction and design elements a theme running through the design of the entire hotel. The HEWI System 900 solutions are harmoniously integrated into hotel bathrooms and accessible sanitary rooms.



—— Solution

# Modern Hospitality

Contemporary hotel concepts are not only inspiring because of their good design or their unmistakably stylish ambience, they must also meet the different needs of the guests. So, universal design concepts are increasingly being used in the planning and development of hotels.

# Individuality begins in the details

## HOTEL BATHROOMS FOR EVERYONE

Universal Design places a number of requirements on the design of hotel bathrooms if they are to meet the complex needs of guests. With its extensive system depth and diversity, HEWI's System 900 enables a design that always works with the universal design concept.

The term universal design is often associated with accessibility in hotels. But the universal design concept is also dedicated to comfort, convenience and intuitive operation for all hotel guests.

Innovative hoteliers have long realized that success often lies with differentiating yourself from the crowd and standing out from established hotel concepts. With individualized fittings and a deep understanding of guests wishes, a decisive competitive advantage can be gained.







# Aesthetic solutions for appealing hotel concepts

## CONSCIOUSLY DIFFERENT

The sophistication of a concept can be seen in the architectural details. HEWI's System 900 combines functionality and exceptional design with long term, sustainable quality which creates added value.

Individuality is particularly important in hotel bathrooms – it is the room that matters when it comes to the feel-good and comfort factors. And especially as people with different disabilities have particularly high demands on the user-friendliness of sanitary products.

A bathroom that is optimally tailored to the individual needs of respective hotel guests, which they can use regardless of physical requirements, can have a decisive influence on their evaluation of their stay.





# Coherent concepts

## FEELING AT HOME IN A HOTEL BATHROOM

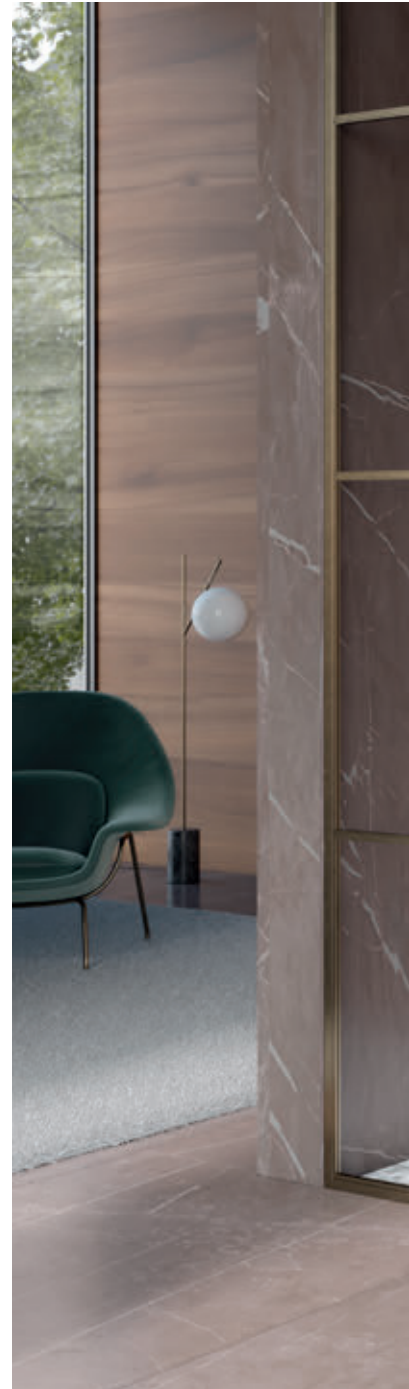
HEWI's System 900 powder coated dispensers and accessories create an impressive statement in our temporary home.

Defining coherent overall concepts is what we do at HEWI. From accessories and comfort elements to accessible equipment, which can also be flexibly adapted to the requirements of the operator and the needs of the guests.

Because rooms should be as individual as the guests that use them.

HEWI's System 900 includes a wide range of useful accessories. From soap dispensers, to cosmetic mirrors, to toilet brush sets and bath towel holders, our System 900 offers a uniquely comprehensive range.

Along with a variety of surfaces, System 900 gives rooms a warm, homely character and offers great scope for design. In this way, the hotel's color concept can also be underlined or exciting accents can be applied in the bathroom.





# A bathroom should adapt to people – not the other way round

## TEMPORARY SOLUTIONS

Temporary solutions like shower seats and support rails – can be quickly and easily integrated when required and just as easily removed again.

HEWI offers the option of flexibly adapting bathrooms to the needs of the guests. If a guest requires support, our mobile shower seats and support arms can be quickly and easily integrated into the respective hotel bathroom.

Once the support is no longer required, the shower seat or support rails can just as easily be removed. A discreet cover conceals the permanently installed mounting plate.

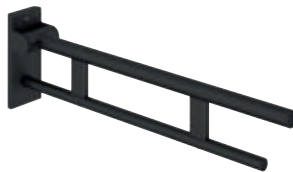
Hoteliers can increase their occupancy by assigning accessible rooms to all guests without them even realizing.





### 1 MODULAR WASHBASIN

This innovative concept enables the integration of an adaptive grab rail and a modular storage system directly on the washbasin – as required by the individual needs of the user.



### 2 HINGED SUPPORT RAIL

Support rails provide security and assistance. These can be used in all areas of the bathroom.



### 3 SHOWER SEAT

This shower seat offers comfort and support for people with limited strength and mobility.

PUER



# Public

Equipment solutions for public and semi-public areas represent the character of a building. Atmosphere, well-being as well as economy, sustainability and hygiene have become natural requirements. HEWI offers the opportunity for these requirements to be consistently and successfully met. Consciously selected materials and manufacturing craftsmanship result in high-quality products being used ever more frequently over the years. HEWI products enable the implementation of a consistent overall concept that is tailored to your planning requirements down to the smallest detail – for solutions from entrance doors and corridors to sanitary facilities and accessible bathrooms.

— [www.hewi.com/public](http://www.hewi.com/public)



BLIC



DAVID E. GROSS, AIA  
Executive Partner of GF55 Architects

# The public space for all

It is estimated that one in four Americans live with some form of disability. That's approximately 61 million people in the United States alone. The need for architecture and design to address accessibility has never been more critical than it is today. For firms like GF55 Architects that call New York City home, the case for accessible design is even more imperative. The trend of migration from rural to urban communities continues and it is estimated that one billion people with disabilities will live in cities by 2050.

General notions of what it means to be disabled remain limited and this means accessibility often comes up as a secondary consideration in design. With one in four Americans living with disability, accessibility must be approached as fundamental good design for all people and not as a peripheral aspect of design for a marginal class of people. Disabilities, both mental and physical, can take many forms. Wheelchair bound is most commonly associated with disabilities, but disabilities can also mean visual or hearing impairments.

Today, technology along with creative design solutions empower us to design for commercial and public spaces more intelligently. Federal regulations such as the Americans with Disabilities Act in the United States encourage and in fact demand the implementation of these design solutions. The solutions themselves must evolve to a point where they simply serve all universally, flexibly, durably, and without the need to constantly customize so that solutions implemented are effective and attainable.

GF55 Architects works on a number of projects which impact the public. These include commercial spaces, schools, hotels, and religious organizations. Public spaces must be designed with a range of design solutions to address accessibility. Solutions such as wider entryways, elevators, corridors and ramps seem simple but in a city like New York, architects may have to work within constraints of older buildings and a web of complex building codes. There is however always a solution and that's where creative design and best products play a key role.

“Whether designing public spaces for retailers and hotels, or restrooms and dining facilities for schools and religious institutions, accessibility must be considered an integral part of the final design solution.”

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DAVID E. GROSS

GF55 also works with health and wellness retailers where both accessibility and brand aesthetic are desired. In these types of commercial projects, accessibility must be carefully planned because people prefer privacy and may need to operate without assistance. Examples include spas that have treatment rooms as well as restroom facilities that accommodate shower areas. Accessible and aesthetic design must be supported by the products which are installed. GF55 designs all commercial projects with 100% compliant ADA standards. Designs include code compliant door widths, clear floor areas with turn space, and wall mounted sinks for wheelchair accessibility. Wall mounted toilets allow for flexibility with seat height. Toilet and shower grab bars and other bathroom amenities are installed in an ADA compliant manner with proper dimensions and heights. Tactile elements can improve the navigation of spaces for those who might be sight impaired. Single handle faucets are easier to maneuver and often preferred for general accessibility. Motion detectors can further aid those with physical, hearing, or visual impairment. Sensor-operated soap dispensers and hand dryers are examples of touchless products that support accessibility as well as hygiene and environmental concerns. Good lighting is important for safety in any space. Ample lighting provides ease of use in a public space while ambient lighting achieves aesthetic design goals. Placement of switches, use of large toggles, and motion detectors allow users easy access to lighting options. GF55 selects ADA compliant fixtures that provide greatest ease of use and long-term durability, while also achieving brand standards and aesthetic design goals.

Whether designing public spaces for retailers and hotels, or restrooms and dining facilities for schools and religious institutions, accessibility must be considered an integral part of the final design solution. As architect

Louis Sullivan famously wrote “form ever follows function.” Let that continue to guide architecture and its role in providing accessibility so that all members of society may benefit from the function of good design.

#### **GF55 ARCHITECTS —**

Founded in 1984 with headquarters in New York City, GF55 Architects is dedicated to the practice of architecture and the realization of concepts into reality. The firm is the partnership of David E. Gross, AIA, Leonard Fusco, AIA, and Shay Alster, AIA. GF55 has a genuine love for architecture and brings a joyfulness that is fundamental to the creative process. We seek excellence through a collaborative search amongst ourselves, our clients, and expert consultants. Embracing modern technology and work practices, GF55 is hands-on and results-oriented without prejudice to project type or scale.

#### **DAVID E. GROSS, AIA —**

David E. Gross, AIA, is the Executive Partner of GF55 Architects, a national firm with offices in New York City and Miami. GF55 has a specific expertise in Multi Family, Retail, Educational, Hospitality and Industrial Architecture. Since 1984, GF55 has designed and built over 12 million square feet of housing nationally. David's projects have received two Urban Land Institute Models of Excellence Awards, AIA Awards of Merit and was the recipient of the Andrew J. Thomas "Pioneer in Housing" Award in 2010. David is a board member of the New York State Association for Affordable Housing (NYSFAFH); Citizens Housing and Planning Council (CHPC) as well as the NY Housing Conference. He has been a visiting design juror at Yale College, New Jersey Institute of Technology and Pratt Institute. From 2004 to 2016 David taught an annual session on the relationship of the Architect to the Development Process at the NYU Graduate School of Real Estate MBA Program. Recently David established the David E. Gross Fellowship at the University of Pennsylvania Weitzman School of Design Graduate Architecture School to promote the study of Housing. David graduated Cum Laude with Distinction with a BA in 1977 from the University of Pennsylvania and a Master of Architecture in 1980 where he was a Thesis Prize Finalist and a Stewardson Memorial Competition Representative.

**PROJECT**

Axel Springer Publishing Building,  
Berlin, Germany

**ARCHITECTURE**

Rem Koolhaas,  
OMA, Rotterdam, Netherlands

**YEAR**

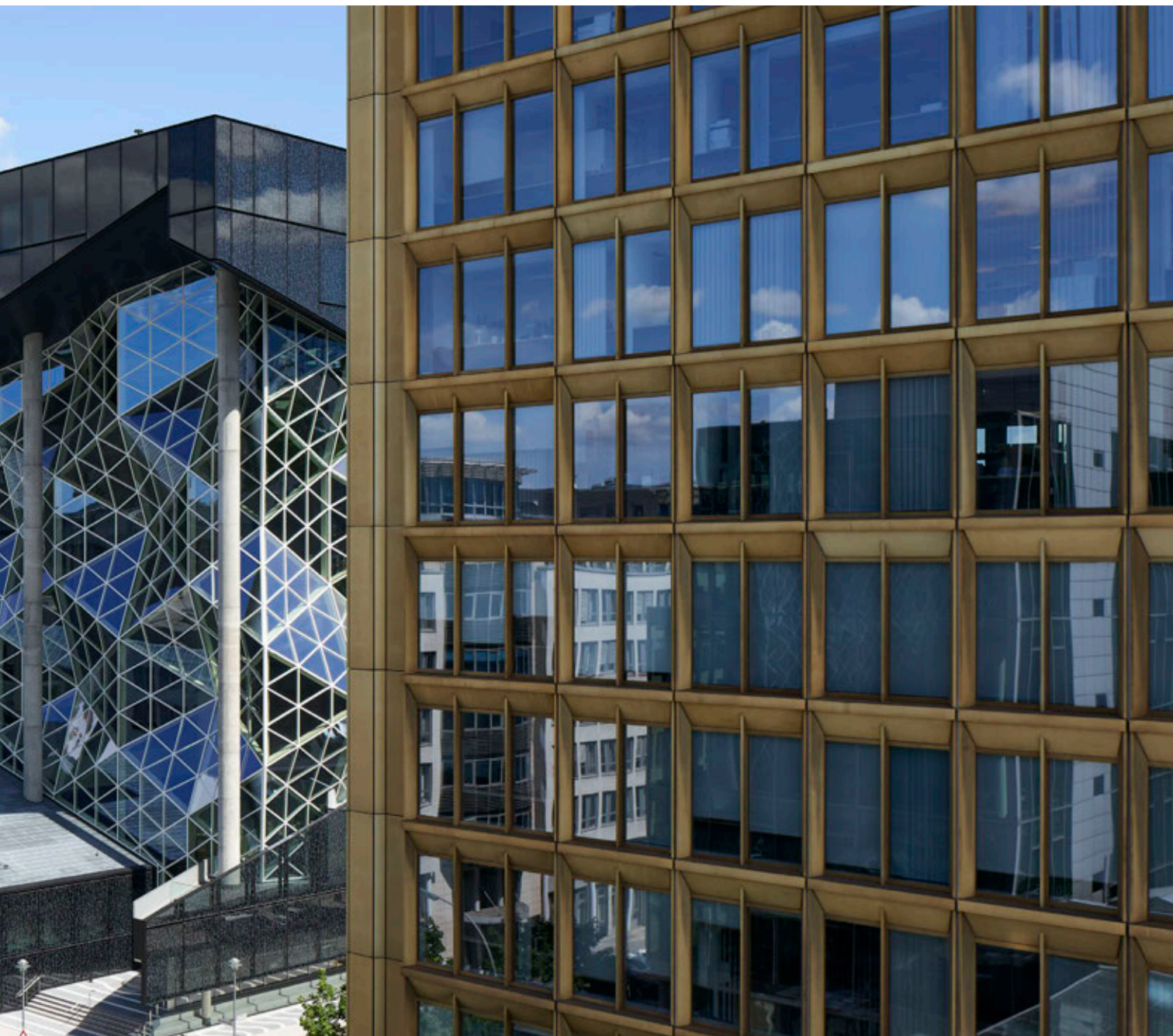
2019

**01** — Axel Springer has initiated a change from print to digital media. Their new building in Berlin is a symbol and tool for this change.





# Axel Springer Publishing Building Berlin, Germany





**02**— A cathedral-like space penetrates the center of the entire building.

**03**— Terraced floors offer spaces and places to think, discuss and exchange ideas.

Communication, exchange and encounter is what characterizes the media world of the future. The design of the new Axel Springer building by Rem Koolhaas, architect and founder of the renowned architectural practice, Office for Metropolitan Architecture (OMA), is the epitome of modern expression. The light-flooded cube in the center of Berlin shows where the digital media world can lead within the former newspaper district. The new building directly opposite the golden publishing house, is both a symbol and a signpost for the radical change at Axel Springer in the digital age.



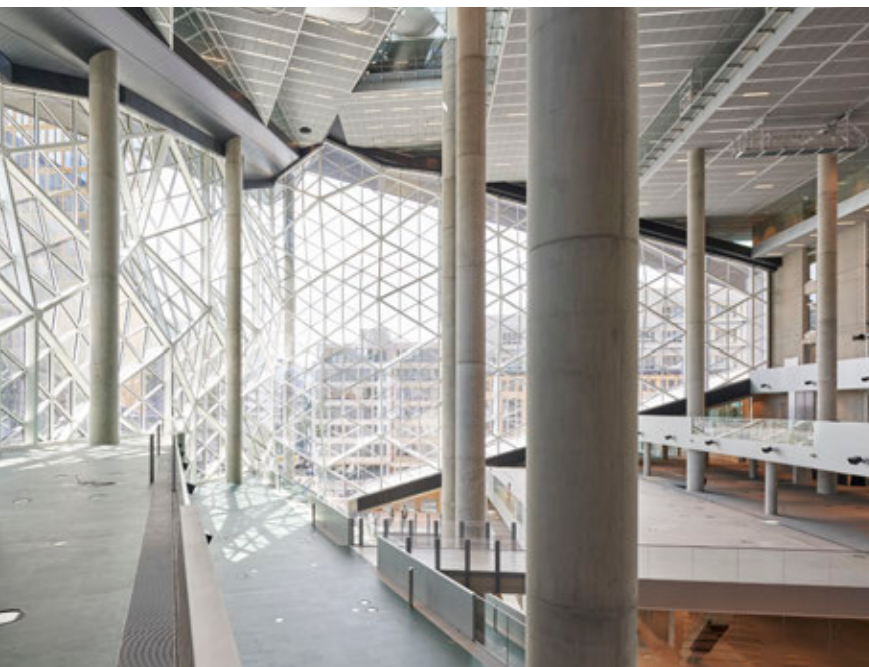
An interior design that invites encounters and communication. In the new Axel Springer building, with space for around 3,000 employees, personal exchange and mutual inspiration is supported throughout by its construction. Employees of the media and technology company work in spacious, light-flooded rooms that play with the idea and the character of an artist's workshop. The "working sphere" seems huge, with a ceiling height reminiscent of medieval cathedrals. The work areas are distributed in the style of open terraces, each of them offering opportunities to meet, exchange and communicate together.

Viewed from the outside, this OMA created design is an expression of the importance the client represents in the German media landscape. This media and technology company is not only conducting a transition into the digital age, but is also pointing the way to new directions in the world of work. Appropriately opulent and yet not out of date, this accelerator of cultural change works. Dark tinted glass surfaces are broken up by lighter elements suggesting a 3-D look. Filigree columns support cantilevered ceilings; bridges, stairs and corridors connect the different levels. Built right next to where a hideous wall once cut Berlin in two, the building stands as a symbol for the answers to challenges now and in the future – and not just in the digital world.

Rem Koolhaas and his team attached great importance to design and quality not only in the shape and form of the building. The architects also placed high demands on the interior, in combination with functional use, accessibility and security in the building.

The Classic variant of the 805 series from HEWI, matches highly functional room design with round, tubular shapes in the sanitary areas. The steel surfaces are fully integrated into the room given its pared back form. Made of matt-finished stainless steel, the 805 Classic series offers many advantages and particularly as the material is so robust and easy to care for.

Another important aspect was safety when planning and equipping the new Axel Springer building. Naturally, securing escape and rescue routes is of vital importance. HEWI panic bars on the escape doors of the new building can be operated intuitively with minimal effort and allow quick escape in an emergency.





# New Urban Thinking

Accessibility is a requirement far beyond your own four walls and poses challenges for our entire society. The primary goal remains:

To enable as many people as possible to participate in life, in a self-determined manner – including in publicly accessible areas. Because only those who can take part in public life without outside help are able to cope with everyday independent living. An accessible external and internal development of a public building and the accessible equipment therein are decisive features.

# Robust solutions for modern architecture

## SYSTEM 900

Sanitary rooms in public and semi-public buildings should reflect the character of the building with a representative design. HEWI's System 900 optimally meets these requirements with durable products and a unique range of products.

Public buildings are designed for high numbers of visitors. They should be accessible and unrestricted to as many people as possible.

Accessible access offers the use of a building to everyone. Corridors and stairs should be designed so that everyone can move freely and easily find where they need to go. The fittings for doors and windows in the sanitary areas should also be planned and designed in such a way that they allow unrestricted use for all, without additional help.

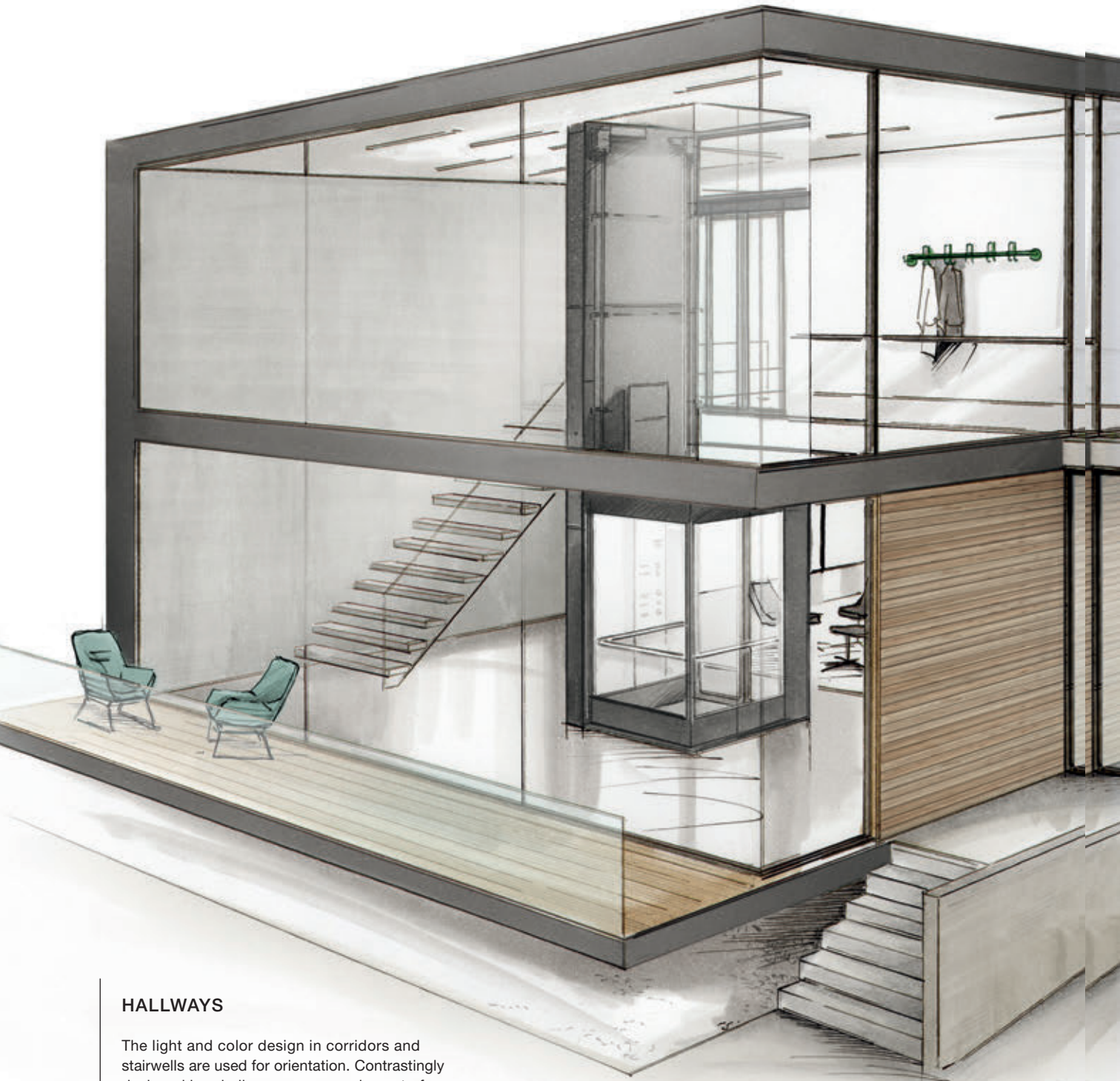
The dispenser systems and accessories from our System 900 are perfectly complemented by HEWI washbasins, system fittings and mirrors, and meet all hygiene and durability requirements.

Of course, hygiene is particularly important in public sanitary rooms. Even with short cleaning intervals, sanitary facilities in office buildings and publicly accessible buildings such as train stations or shopping malls, represent fertile ground for any number of pathogens, and thus an increased risk of infection.





# System design for an entire building



## HALLWAYS

The light and color design in corridors and stairwells are used for orientation. Contrastingly designed handrails serve as one element of a guidance system.

## ENTRANCE

Accessible access is essential for the external development of a building. For example, people with wheelchairs or walkers can also enter a building using a ramp in addition to the stairs.

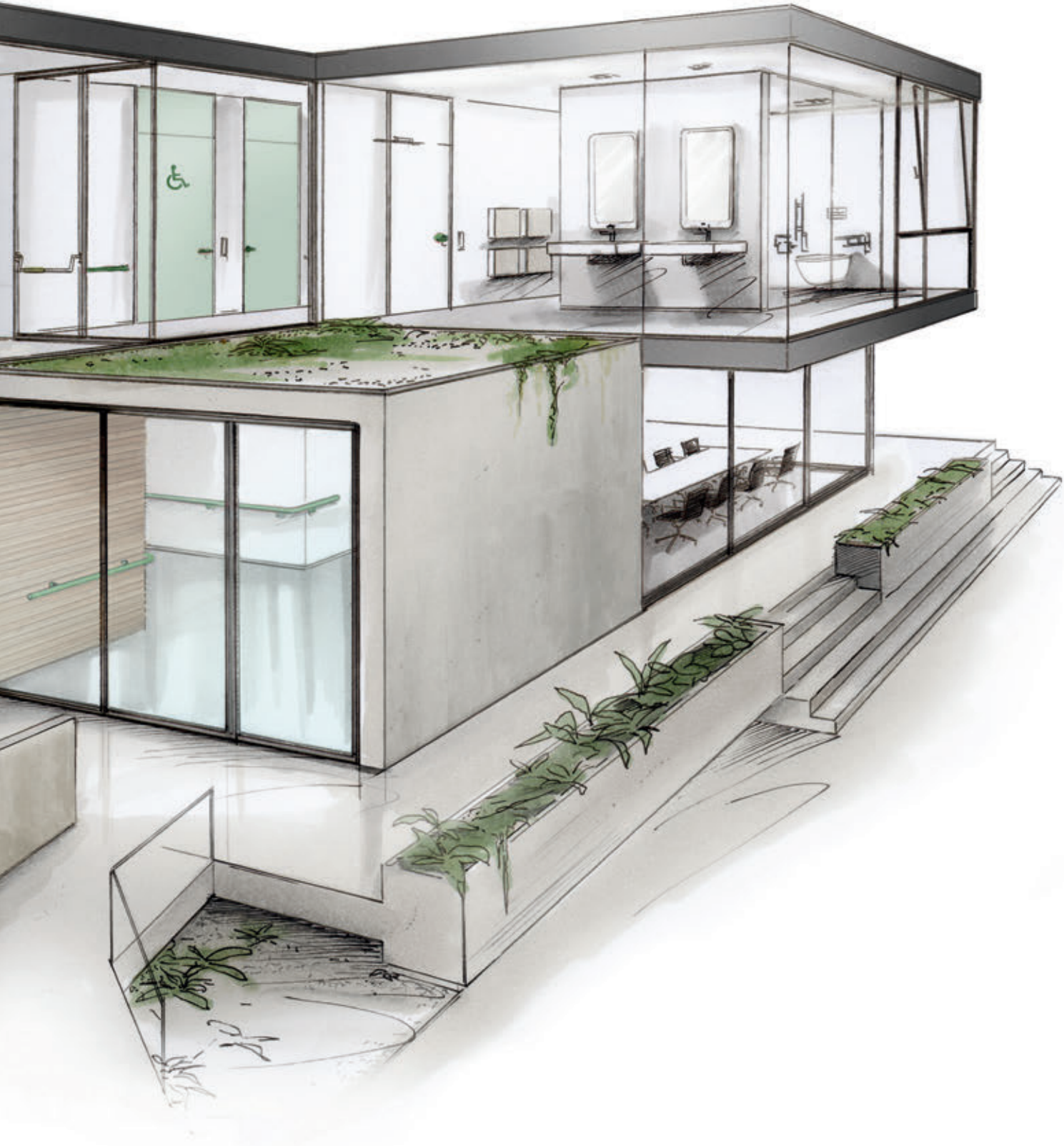


## DOORS | WINDOWS

Accessible solutions for doors enable people with disabilities to move around the building independently.

## SANITARY ROOMS

Standard-compliant sanitary areas can be integrated into all toilet facilities. Grip handle options on the washbasins and toilets enable independent use.



# Hand disinfection in the entrance area

## DISPENSER SYSTEMS

HEWI offers design options with the disinfectant dispenser column and enables an aesthetic implementation of hygiene measures in entrance areas and lobbies.

First impressions count: Hygiene is becoming increasingly important in people's minds.

Companies and institutions are faced with the challenge of enabling visitors, customers and employees to disinfect their hands in the entrance area.

Disinfection dispenser columns in the entrance areas of public and busy buildings offer an ideal solution for increasing hygiene.





# Hygiene with style

Even with short cleaning intervals, office buildings and buildings accessible to the public, such as train stations or shopping malls, represent fertile ground for any number of pathogens and thus an increased risk of infection.





Hygiene is particularly important in areas of public buildings that are used by large numbers of people. In addition to sanitary facilities, these include reception counters or elevators, for example.

To minimize the risk in these areas, non-contact, flexible product solutions are the way of the future. HEWI offers a wide range of products in touchless sensoric design for wall mounting or as a mobile solution for tables and counters.

#### More solutions



Further information on the hygienic equipment of sanitary rooms can be found at:  
[www.hewi.com/hygiene](http://www.hewi.com/hygiene)

# Solutions for hallways and doors

## PUSH HANDLES

HEWI push handles offer accessible convenience due to their variable grip height.

Sufficiently wide access corridors and passageways within buildings, not only make it easier for wheelchair users to get around, they also make it easier for people with luggage or prams.

Handrails along the corridors are a natural means of support. They can provide location positioning for people with impaired vision. A clearly structured guidance system, attached to prominent corner points within the building, also provides essential orientation.

The corridor should be designed in such a way that the guidance and orientation systems can also be used by people with limited sensory abilities. To do this, important information must be conveyed through at least two senses. As well as a high-contrast design, corridors can also be equipped with tactile signage and handrails with Braille and profile writing.





HEWI door handles are suitable for escape and rescue routes. They are an excellent solution for section doors. A lever handle makes opening heavy doors effortless with one hand.

HEWI panic bars can also be operated intuitively with minimal effort. Additionally, the double grip area is made of colored and textured polyamide which signals the active element both visually and by touch.

The door handles from HEWI's System 111 are available with two different handle lengths. The version with an extended grip area minimizes the effort required to open and close the door due to its leverage effect.

But door handles and door knobs not only have a function. Like the lever handle Series 270, they set accents on the door and give us a first impression of the room already in hallways and corridors.

CA



# Professional Care

Making life easier for people is what drives us. And that means creating individually adaptable living concepts that enable independence and provide security. Outstanding design is only possible in conjunction with intelligent technology. The connection between aesthetics and function is firmly anchored in our DNA at HEWI. Our modular principle enables tailor-made planning so that elective service areas or comfort stations can be implemented, as easily as areas for all patients. A well-designed bathroom contributes to the well-being of the patient and at the same time makes work easier for nursing staff. HEWI offers complete solutions, innovative assembly concepts and support in planning and equipping patient bathrooms and sanitary rooms.

— [www.hewi.com/care](http://www.hewi.com/care)



ARE



**BEN WINTNER**  
General Manager of the product design, graphic design and research & strategy practices, Michael Graves



**DONALD STRUM**  
Principal in charge of product, furniture, and graphic design, Michael Graves

# Design philosophy by Michael Graves



ROB VAN VARIK  
Principal, design, insights & strategy, Michael Graves

In 2003, Michael Graves became paralyzed after a freak illness. For the next two years, he was in and out of 8 hospitals and physical rehabilitation centers. At his sickest in the hospital, Michael Graves famously said, “I can’t die here. It’s too ugly.” Throughout this long ordeal, he never stopped working. As a result, our design team experienced the indignities of convalesce in poorly designed healthcare facilities alongside Michael. It was at this moment that our firm recognized the overwhelming need to bring great design to healthcare environments.

As product designers, architects, and interior designers who have always focused on humanistic design, we knew we could improve healthcare experiences for patients, family members and professional caregivers by designing products, furniture, interiors, and healthcare facilities that look better, work better, and are uplifting. This became our firm’s shared passion, and it offered Michael a means to turn his personal tragedy into a transformative improvement for society. Our firm remains dedicated to carrying on this most important facet of Michael’s legacy.

Our design process begins with research. When designing for healthcare environments, we observe and interview patients, family members, doctors, nurses, transporters, cleaning, and maintenance staff, in order to understand everyone's needs and wants, and to learn what works well and what creates challenges. We organize and synthesize the qualitative data using design frameworks like stakeholder journey maps. This process brings to light opportunity gaps, as well as areas that may be in conflict among stakeholders. It informs our design brief, summarizing the insights and the constraints that define the project.

Our research has shown that when designing for healing environments, there are three areas of focus that are of utmost importance: reducing patient falls, minimizing clinician back strain, and reducing the spread of infection. These three goals were the key filters for every design decision we made when we designed patient room furniture and the Prime TC transport chair for Stryker, as well as the Center for Restorative Care at Yale New Haven Hospital. These areas of focus apply generally whenever working in healthcare design.

The most dangerous room in the hospital (not to mention the hotel, the school, and the home) is the bathroom. It is where most accidents occur, and there is no surprise why. It is a wet, soapy, poorly lit room with major temperature fluctuations that is filled with large, hard, sharp objects. This is not a new insight. Since the passage of the Americans with Disabilities Act, healthcare bathrooms have been filled with specialty bath fixtures and grab bars that provide safety. Unfortunately, most of these bathroom designers only focused on functionality, which is why the hospital bathroom you are picturing in your mind has such an institutional feel. But why is it beige?

We know from Michael Graves that "Good design is both appearance and functionality together. It's the experience that makes it good

design." We deliver "good design" through a design process focused on a variation of Maslow's Hierarchy of Needs. If universal design addresses the basic, functional needs, but creates an experience that feels institutional and reinforces sickness, it fails to deliver on the cognitive and emotional needs of people. It is not a good experience. It is not good design. This is why we are always focused on the personality and the purpose (the appearance and the functionality) for all of our design projects.

There is no reason why bathroom safety products have to be ugly. Hewi has proven this, and we wholeheartedly agree. That is why we use HEWI's aesthetic and functional sanitary solutions for our projects. For us, preventing falls in the bathroom starts by providing convenient, confident touch points across the space. Every horizontal surface must be a grab surface, whether it's a toilet paper holder, a towel bar, a sink, or well, a grab bar. These items should enhance safety and contribute to the aesthetic of the room. Declining vision is common and an often-overlooked problem with widespread negative consequences... such as falling! Therefore, high contrast finishes that clearly differentiate all three planes (floors that contrast with walls, that contrast with grab bars, that contrast with ceilings) is essential for keeping patients upright and aware of their place within their surroundings. High contrast also means less beige. Color is uplifting and serves a real purpose. And with a focus on elder patients in healthcare, there is a discreet need to compensate for the declining visual acuity that is caused by the yellowing of sight. Aging eyes require three times more light than a young person's eyes, which means we need to design products with embedded lighting and interior spaces that have great ambient light, ensuring we prevent bright spots and dark spots. Aging and illness often reduce dexterity, mobility, and mental acuity. It is for this reason designing for simplicity is essential in healthcare environments, especially bathrooms. This manifests with fewer

moving parts, obvious touch points and clarity of purpose. Design strategies like these also deliver on the goal of reducing the spread of infection, as this leads to fewer surfaces that are easy to sanitize.

For too long, healthcare facilities have devoted construction budgets to areas that appeal to donors as opposed to patients. While often impressive, dramatic lobbies rarely contribute to healing. We advocate for patient rooms that are beautiful, colorful and provide improved safety. Michael Graves Design is committed to enhancing people's lives through healthcare designs that:

- Are unique and make people smile (Delightful)
- Are inclusive, understandable and function flawlessly (Purposeful)
- Address previously unmet consumer needs (Pioneering)
- Exceed people's expectations by focusing on even the smallest design details (Extraordinary)

#### **DONALD STRUM —**

With the firm since 1984, Donald is the Principal in charge of product, furniture, and graphic design. His first project for the firm was the "Whistling Bird Teakettle" for Alessi. In 1997, under Donald's leadership, the firm began a relationship with Target Stores that led to what many in the press have hailed as "the democratization of design." In 2005, after witnessing the issues Michael Graves was experiencing with an illness that left him paralyzed, Donald and the product design group made a commitment to transform healthcare design for the aging and physically disabled population. Donald and the product design group have brought thousands of products to market over the past three decades.

#### **ROB VAN VARICK —**

With the firm since 2003, Rob passionately believes design has the power to positively impact people's lives. His mission is to apply the right blend of research, psychology, creativity, and strategy so that root causes are identified, allowing the best solution to be designed. Well-rounded solutions require multi-disciplinary input and collaboration. As a partner at Michael Graves, Rob works with architects, interior designers, product designers, graphic designers, researchers, and strategists who are all focused on one goal: enhancing the human experience at every scale. Rob believes that great design is humanistic, familiar, accessible, and intuitive.

#### **BEN WINTNER —**

With the firm since 2002, Ben is the General Manager of the product design, graphic design and research & strategy practices of Michael Graves. Ben is responsible for strategy, brand management, and financial planning. He plays a critical role in the management and strategic planning of the Michael Graves Design consumer brand, as well in the development and implementation of the firm's healthcare design strategy, which was driven by Michael Graves' personal health crisis and subsequent passion for patient centered healthcare design. Ben develops and manages relationships with the firm's client and is integral to the strategic development, management, and execution of each program.

#### **ABOUT MICHAEL GRAVES DESIGN —**

Michael Graves Design exists to create moments of joy that enhance people's lives by offering products that are delightful, purposeful, pioneering, and extraordinary. Michael Graves is one of the leading design practices in the world, offering services in product design, graphic design, architecture, interior design, branding and related services.

**PROJECT**

Foyer Atert, De Park,  
Ettelbruck, Luxembourg

**ARCHITECTURE**

Beng Architectes Associés,  
Esch-sur-Alzette, Luxembourg

**YEAR**

2020

**01** — This 3-storey, U-shaped new building in Ettelbruck, called "Foyer Atert", has a total of 34 rooms, eight of which are adapted for people with restricted mobility.



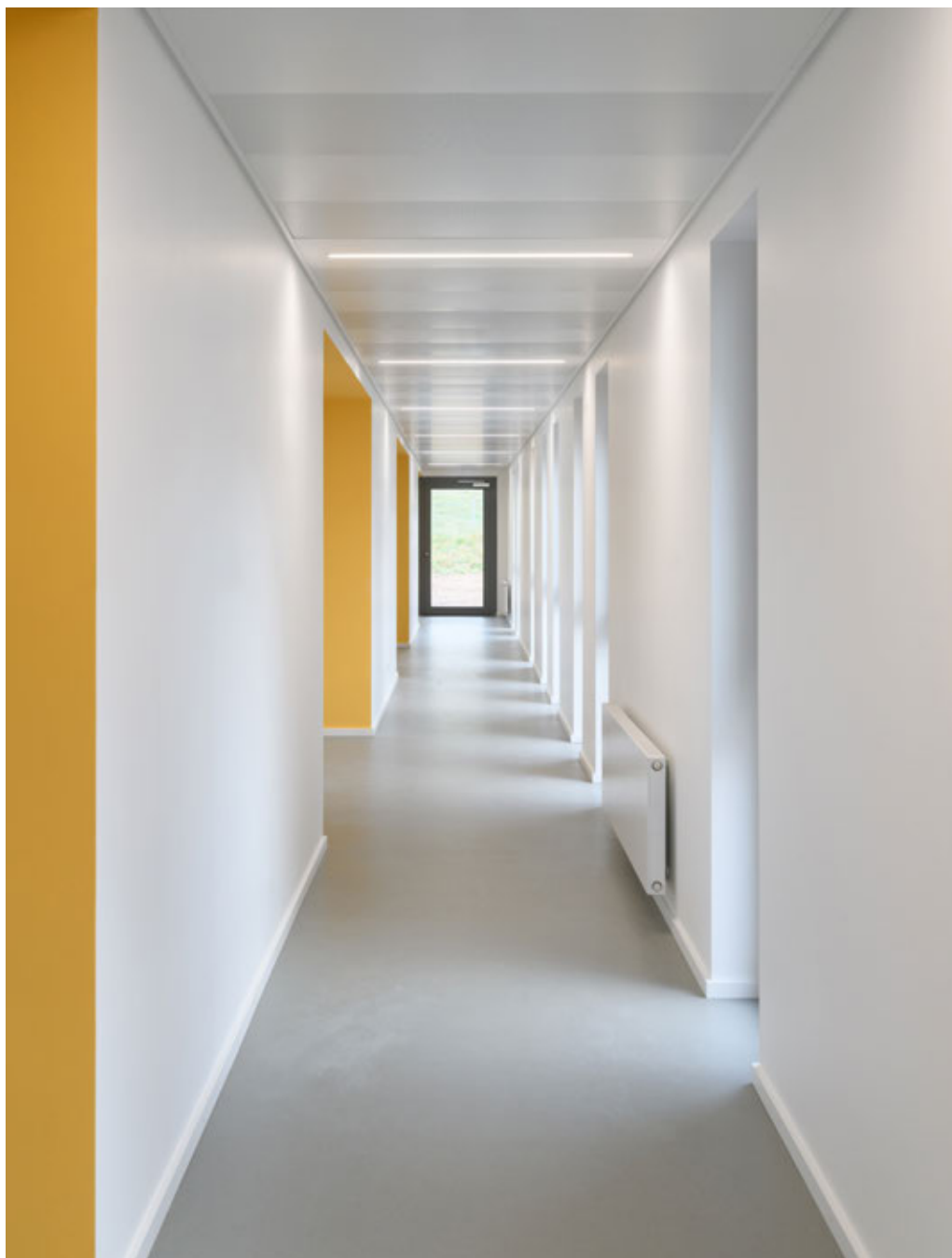


# CHNP De Park Ettelbruck, Luxembourg



**02** — Color and contrast: To help the perception and orientation for patients, each floor has its own color. The ground floor is blue, the first floor is orange and the second floor green.

**03** — In the sanitary rooms, the architects specified our HEWI 477/801 series. The classic amongst our accessible series products, in pure white.





Three rivers join together in the Ettelbruck valley, in the center of Nordstad, in northern Luxembourg. Between green hills swathed with forests, Ettelbrück is well known for its expertise in psychiatric rehabilitation and the treatment and care of people with intellectual disabilities. In the De Park facility, young people and adults from all walks of life come together in a spacious center. Under the motto “Equality in diversity”, De Park in Ettelbrück offers care and socio-educational support for people with intellectual disabilities. The residents are supported by accessible sanitary solutions from HEWI.

De Park is one of the three specialized facilities that are part of the Center Hospitalier Neuro-Psychiatric, or CHNP for short, which was founded in 1855 as a central hospice. The other two areas are aimed at seniors (Pontalize) and a rehabilitation clinic for patients suffering from psychiatric illness.

Approximately 120 residents and clients use De Park's services. In the center's spacious rooms residents and day clients test their cognitive skills and are assisted to live more independent and fulfilling lives. Respect and tolerance towards everyone, the well-being and personal development of the individual, mark the foundations of center's therapeutic and educational work. This approach is complimented architecturally by the center's bright, functional rooms.

The buildings themselves emphasize the concept of the facility with clear and functional details. The aspect of intellectual disability is reduced to the bare minimum to enable the residents to live both in and as part of society.



# Healing Architecture

The term Healing Architecture was coined with the knowledge that a warm and comfortable environment reduces stress factors in rooms. When even structural and functional requirements in healthcare buildings restrict the design of rooms, there are still many ways to increase the well-being of patients and residents.

As a design-oriented manufacturer, HEWI creates sanitary solutions for hospitals, retirement homes, nursing homes and medical practices, that create a feel-good atmosphere. Color, smell, light or materials can and do influence patients during recovery. Solutions with pleasant materials, paired with innovative functions, support patients with reduced mobility and ensure a relaxed, healing atmosphere.

# Design helps recovery

## EDITION MATT

The matt edition adds a homely design alternative to the sanitary room in hospitals, retirement or care homes. Appealing aesthetics and unrestricted functionality are not mutually exclusive and support the human healing process.

Not just patients, but relatives, as well as doctors and nurses should feel safe, secure and in good hands in hospitals and care facilities. Architecture that meets people's needs helps support their recovery. At the same time, functional and hygiene requirements can limit the freedom of design of rooms in healthcare buildings.

HEWI's 477/801 series opens up design opportunities in sanitary rooms. Our Edition Matt sets sensual accents in the patient's wet-room, with a characteristic, high quality look and a pleasing textured feel. Instead of smooth, reflective surfaces, Edition Matt offers a haptic feel and forms a tactile contrast to the smart high-tech world. This satisfying bathroom ambience creates an environment that has a positive influence on the recovery process – and is also within the framework of planning standards.





# Design options for healthcare buildings

In care homes and residences, it can be a challenge to create an interior with high design standards that generates a positive atmosphere for people in need of care. Elective service areas and privately funded health facilities in hospitals can have an impressively hotel like character and ambience.







## Composition

The variety of materials, colors and designs within the HEWI System 900 offers unlimited design possibilities for sanitary rooms in healthcare buildings. With so many solutions to suit individual requirements, accents can be skilfully applied.

## Surfaces

In areas with high structural specifications, a wide range of surfaces create further options. Surfaces such as stainless steel, chrome or powder coatings, can easily affect the ambience of sanitary rooms allowing them to be individualized.

## Design and function

An elegant matt surface sets accents and offers an impressive look and feel. Outstanding aesthetics and unlimited functionality are not mutually exclusive. Rounded design enables safe grip surfaces reducing the risk of falls and injury. Integrated functions increase security and foster peace of mind.



SURFACES SYSTEM 900

# Individuality as standard

## WARM TOUCH

This innovative surface feels pleasantly warm to the touch and can help patients with increased sensitivity to cold.

The individual needs of patients and residents must be supported in the best possible way by the equipment installed. Intelligent interior design concepts, well thought-out product solutions and innovative surfaces have demonstrably been shown to make a significant contribution to recovery.

The requirements of healthcare buildings can often be very different as can the requirements within a single property. Factors such as robustness, ease of cleaning and hygiene, play a major role in hospitals. The equipment of wards for regular patients differ significantly from optional service areas. Ambience and support for orientation and independence can be decisive factors for care homes and senior residences.

## Further solutions



· For products that inhibit suicide and self harm for bathrooms with high safety requirements see:

[www.hewi.com/high-risk](http://www.hewi.com/high-risk)



· For products designed to manage obesity, with support loads of up to 300 kg see: [www.hewi.com/adiposity](http://www.hewi.com/adiposity)





# Focus on people

## LIFESYSTEM

LifeSystem is flexible, adaptable and expandable. It supports patients as well as nursing staff and promotes the recovery process.

A patient bathroom that focuses on people and can be adapted to their physical characteristics is the ideal. This allows for the many different needs due to body characteristics like height, weight and individual physical ability, to be considered in order for them to feel comfortable and safe.

Sanitary solutions in healthcare buildings that not only offer individual patients more comfort and safety, but also assist the nursing staff, are also ideal. Functionality, flexibility, ease of maintenance and the robustness of our LifeSystem, support the nursing staff in their daily work.

With LifeSystem, HEWI has developed a sanitary series that provides support regardless of the respective physical requirements. Flexible, usable products promote independence. LifeSystem solutions can be adapted to the body size of the user and have been designed and developed to meet both ergonomic efficiency and kinaesthetic awareness.





# Colors and interior design

## DEMENTIA-SENSITIVE PRODUCTS

In addition to a dementia-sensitive washbasin, HEWI also offers accessories and accessibility products with high-contrast highlighted, functional elements. The color anthracite gray plays a special role here.

It is important for architecture to understand ageing as an individual process. Declining eyesight, physical limitations and dementia, trigger different needs in different people.

The task of designing and manufacturing products for the healthcare sector requires putting people and their needs at the center of the process and just as importantly, understanding the assignment holistically. Architecture, interior design and color are becoming more and more an integral part of therapy.

The targeted use of color can reduce fear, induce calm and enable better orientation within a building.





*„The perfect shape is complimented by color marking – the color anthracite gray for example, is quickly recognized by the eye on one hand, and linked in the brain to an action on the other. In my institute for age and dementia-sensitive architecture, the dementia washbasin from HEWI was given the nickname 'Hallo-Wa(s)ch-Tisch' for good reason!“ Says architect Dr. Birgit Dietz.*



DR. BIRGIT DIETZ

You can find a detailed interview with Dr. Birgit Dietz at [www.hewi.com/dementia](http://www.hewi.com/dementia)

ED

CAT



# Education

Equipment solutions for kindergartens, elementary schools and secondary schools have to meet a large number of requirements. Equipment must withstand heavy loads on a permanent basis and therefore be robustly designed. And the architectural building structure should be adapted to the needs of the respective age group helping to create an atmosphere that invites children to play and learn together. HEWI offers tailor-made solutions to meet specific property requirements. Discover the HEWI product range for the education sector and plan individual equipment worlds with us – from doors to bathrooms.



DU

TION



KRISTEN FURTAK  
Senior Associate at SLAM



KATHY BELL, AIA, ACHA  
Senior Associate and Research/Educational Coordinator at SLAM

# Barrier-free restrooms for pre-K to secondary schools

The learning environment for Pre-K through secondary school students is rapidly evolving and creating developmental opportunities across instructional and break-out spaces, including a focus and sensitivity toward correctly sizing barrier-free restrooms for various aged students.

Change, albeit never easy, is a worthy goal of any school seeking to promote environments that are engaging and not static. Collaboration between architectural firms and schools render designs that offer enriched learning experiences during a child's early developmental stages, through a variety of instructional teaching models.

A rise in learning studios, common space areas and break-out portals are stimulating unique and invigorating experiences to excite and challenge young minds and behaviors. Recognizing how important the beginning steps of socialization, inclusion and independence are for a young child is vital as they pivot to gain independence and build confidence in the early phases of human development.

In honing our discussion of barrier-free

restrooms, the American with Disabilities Act (ADA) celebrated its 20th anniversary in 2020, as a civil rights law that prohibits discrimination against individuals with disabilities to ensure that everyone has the same rights and opportunities in places of public accommodation, including students in educational facilities.

The general public have come to expect larger, barrier-free toilet rooms that have specific features for accessibility including the mounting heights of plumbing fixtures and accessories such as grab bars, in addition to clearances to open and close the door. In comparison, we have seen in healthcare design an increase in the use of the term "person (or patient) of size," where additional space may be required to accommodate a person due to singular or multiple factors, including weight and height.

Providing an inclusive experience for students who require accessible design as part of their learning environment is not only a code requirement, which will vary dependent upon a project location, but a key element of consideration when programming and

“Understanding the uniqueness of students’ challenges as they navigate their daily routine and providing barrier-free access to something many may take for granted, allows the students to maintain their independence and dignity.”

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KRISTEN FURTAKE AND KATHY BELL

planning education projects with specific attention to the lower grade levels.

Child height requirements compared to adult requirements provide appropriate heights and locations of toilets and their associated accessories using grade clusters, such as Pre-K, Grades K-3 and Grades 4-5. They have been developed to be suitable to the age range and projected needs of the student. Pre-K and Kindergarten classrooms may typically include a private accessible restroom within their instructional space, allowing them an opportunity to be independent, while still being supervised by Teacher or Aide.

The upper grade levels in an elementary school, may use a multi-stalled restroom that includes an accessible toilet stall and is shared within a classroom wing on the floor. Providing “grade” appropriate access is empowering to the younger students and not something that they will likely experience in a non-educational environment, except perhaps in a pediatric friendly healthcare facility.

Beyond the primary grade levels, secondary schools from Grades 6-12 will utilize standard adult height requirements for accessible restrooms, paralleling what students with disabilities will experience outside of their educational environment.

Multi-stall restrooms will be a common denominator with the potential addition of showers at gym locations, which require attention to not only creating a barrier-free environment but a safe one, as well.

At all grade levels, a nurse’s suite or special needs classroom that includes a self-contained restroom needs to be sized to provide ample space to accommodate either a child changing table (primary grades) or adult changing table (secondary grades) and an Aide assisting the student.

Additional considerations for restrooms may include high schools that are seeking program space for Activities of Daily Living, which include simulating an independent living environment.

Understanding the uniqueness of students’ challenges as they navigate their daily routine and providing barrier-free access to something many may take for granted, allows the students to maintain their independence and dignity.

**KATHY BELL, AIA, ACHA —**

Kathy Bell, AIA, ACHA, is a Senior Associate and Research/Educational Coordinator at SLAM. Her expertise is in healthcare design specializing in master planning, programming, and planning for hospitals and outpatient facilities.

**KRISTEN FURTAK —**

Kristen Furtak is a Senior Associate at SLAM. She is a programmer/planner for SLAM’s education markets. Her expertise is in early stages of design and programming spaces from classrooms to residential halls.

**ABOUT SLAM —**

SLAM (The S/L/A/M Collaborative) is a national, multi-disciplinary design firm offering architecture, planning, interior design, landscape architecture, site planning, structural and civil engineering, and pre-construction services. Their market focus is on K-12 public/private education, higher education, healthcare, corporate, justice, sports and recreation sectors. SLAM has offices in Atlanta, GA, Boston, MA, Denver, CO, Glastonbury, CT, Iowa City, IA, Los Angeles, CA, New York, NY, Orlando, FL, Philadelphia, PA, and Providence, RI. For more information on SLAM please visit [www.slamcoll.com](http://www.slamcoll.com)

**PROJECT**

Hans-Thoma-Schule,  
Oberursel, Germany

**ARCHITECTURE**

plus+ bauplanung GmbH,  
Neckartenzlingen, Germany

**YEAR**

2018

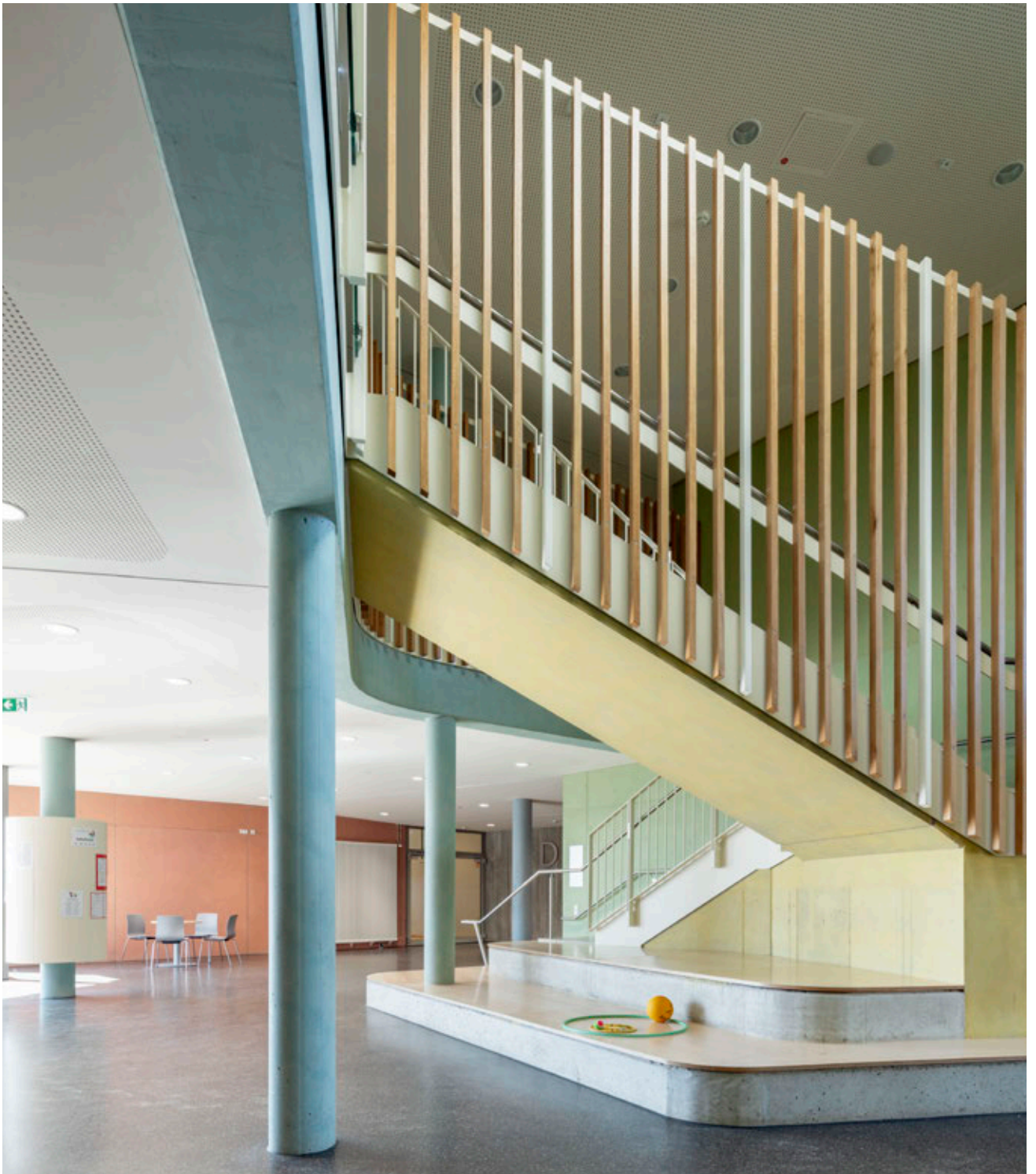
**01** — The architectural design of the Hans-Thoma School in Oberursel, supports children and young people in their education.





# Hans-Thoma Schule Oberursel, Germany





In the picturesque Taunus Mountain area just north of Frankfurt lies the city of Oberursel. Here in this idyllic landscape, on the southern slope of the Taunus, this charming town and its 43,000 citizens have adopted an educational learning concept where every child is offered an optimal development opportunity. The newly built Hans-Thoma-Schule, is another building block in their inclusive educational offer.

Pupils spend a large part of their day in this special needs school and naturally its architecture has a significant influence on their daily well-being. When planning and designing the new building, the main focus of the municipal authority and the architects was on supporting approximately 200 children and young people not just in developing their physical and motor development, but their learning as well. The result is a school living space that supports children with handicaps in mental and motor learning. Architecture of course plays a special role in the design of educational buildings. A positive learning

environment promotes learning. With its shape, colors and materials, the architecture in this case, follows this guiding principle.

The buildings are attached to the central square of the school like the fingers of a hand. In each finger there are, amongst other things, four classrooms, each of which opens onto a terrace. The architecture encourages small social units that offer the children both safety and security at the same time. Comfort and the possibility of individual use also play an important role, especially in the sensitive areas of the sanitary rooms. In the Hans-Thoma-Schule, the solutions HEWI supplied for the sanitary rooms address the wide range of different needs of the users. For example, at the push of a remote control button, the washbasin and toilet modules can be adjusted to the height preferred by the user.

**02** — A highly differentiated choice of materials and a contrasting color schemes are the defining design elements of the interior.

**03** — The aesthetics of the HEWI S 50 modules fit perfectly into the sanitary room design and offer exceptional ease of use, because they automatically adjust to suit individual users.





# Positive Learning

In educational institutions, a teaching philosophy oriented towards the strengths of the learner is equally as important as a positive environment that provides orientation and space for creativity.

The architectural structure must be adapted to the needs of the respective age group. Positive learning, child-friendly architecture and inclusion are the foundations of future-oriented educational concepts that create advantages for all children and young adults.

# System solutions for educational institutions

## RANGE 477/801

In addition to its classic, high-gloss polyamide surface, HEWI's range 477/801 is also available in a matt finish. In either white or gray versions, this classic range has a warm, modern look.

Equipment solutions for day-care centers as well as for elementary and secondary schools, are subjected to heavy loads day in and day out, so need to be both robust and safe. What is becoming more and more popular is the concept of an inclusive design. All HEWI products intended for the education sector fully embrace the concept of universal design. This means that whatever the interior equipment installation, it will meet the needs of both children and adults in any educational environment.









# The inclusive children's bathroom

## SYSTEM 800 K

Used in a targeted way, color contrasts make orientation easier and offer more intuitive use. In the HEWI System 800 K only the functional elements are highlighted to better illustrate the function.

Child-friendly equipment in the sanitary areas plays an important role, particularly when it comes to promoting children's independence. A consistent, coordinated color concept not only looks friendly, that elusive feel-good factor makes it easier for children to find their way around.

HEWI offers accessible system solutions for sitting, supporting and gripping, which, given their pared back and friendly design, fit perfectly and inconspicuously into every children's bathroom. When functional elements are designed in a color that contrasts with their surroundings, they are more conspicuous and easily perceptible for children with visual impairments.

The washbasin has integrated recessed grips that provide support for people with limited strength and mobility. Due to its depth, it is easily used by children in wheelchairs. On the soap dispenser, the pushbutton is highlighted both in color and haptically. Seating and grip support options in the shower make everyday life easier for both children and their carers.

# Equipment concepts for joint learning

Inclusive educational institutions reflect the physical diversity of our society. Due to the multitude of different requirements, it can be a real challenge to design a school building that meets the needs of everyone without exception and provide 100 percent accessible architecture.

## Orientation in hallways

Accessibility means orientation. HEWI handrails for corridors and stairwells are not only used to hold on to, they are also a visual guidance system through the building. A particularly robust installation in stainless steel is just as effective as a colorful design in polyamide. It goes without saying that handrails should also contrast with their background allowing them to be used as an aid to orientation by people with impaired vision.





#### More solutions



· Accessible push handles and panic bars at a comfortable reach height:  
[www.hewi.us/exit](http://www.hewi.us/exit)

# Modular solutions for sanitary rooms

HEWI provides the opportunity to implement the optimal solution for every property and offers robust, sustainable systems for toilet facilities and corridor areas. These can of course also be expanded to include accessible elements.





## Safe sanitary areas

Safety, reliability, premium quality and hygienic, are the key elements that have made HEWI's 477/801 series a classic in schools. Whatever the requirements of the property and given such a wide range of products, it is possible to specify equipment precisely adapted to suit the conditions. The uncompromisingly user-friendly design of the 477/801 series is both flexible and of course, standards-compliant.

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