

KNOW -HOW-

CUSTOMER MAGAZINE
Q3 2023



INCHEON'S PREFAB SOLUTIONS
5,800 BATHROOMS
GIS SYSTEMS

SKYLUM VILNIUS (LITHUANIA)

FIRST
**SUPERTUBE
PROJECT**

ABOUT THE COVER

Geberit Sigma70 actuator plate stands for the highest aesthetic standards. Precise mechanics, a wide range of colour and material options are the hallmarks of this actuator plate.

CONCEPT/ DESIGN/ REALISATION

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DEAR READERS,

Bathroom design is constantly changing.

A bathroom no longer has to be just classically white. Today, black matt is the new chrome. The trend colour provides a special design and can be combined with almost all colours and materials.

The demand for products in this accent colour is correspondingly high. We also noticed this at the Trade Fair ISH in Frankfurt. Geberit has expanded its product portfolio to include the colour black matt, so that you can draw from the full range in terms of colour choice and consistently use the black matt in the bathroom.

From the shower channel to the mirror frame, from the mixer to the actuator plate - many products are available in black matt. According to our philosophy of "design meets function", coatings, materials and finishing processes have been extensively tested. The result consists of products that are not only beautiful to look at, but also durable and of high quality.

I hope you enjoy reading this magazine.

Michael Allenspach
Managing Director

NEW

■ GEBERIT

GEBERIT CLEANLINE50 SHOWER CHANNELS

SLIM AND FUNCTIONAL

Integrated slope for easy installation and safe water drainage.

Narrow profile width of 30 mm.

Suitable for large-format floor tiles.

Easy to keep clean.

Two surfaces: black chrome and brushed stainless steel.

The minimalist, elegant design of the Geberit CleanLine50 shower channel in black chrome or brushed stainless steel is functional and aesthetically pleasing. An integrated slope and the asymmetrical triangular profile ensure the water drains away quickly. The clever technology with pre-installed sealing fleece facilitates safe installation.



Profile length in 900 and 1300 mm (individually adjustable).



GEBERIT ACTUATOR PLATE

AS YOU
LIKE IT

DESIGN
MEETS
FUNCTION

Geberit actuator plates are the defining luxury finishing touch for any bathroom. Combining visual elegance with innovative functions and a range of sumptuous finishes, they are an essential reflection of individual style. It's not just any bathroom, it's your bathroom.
www.geberit.com.sg

↑
Geberit Piave washbasin tap, deck-mounted

↓
Geberit Brenta washbasin tap, wall-mounted

EXPANDED PRODUCT RANGE

BLACK MATT – A CLEVER MOVE IN THE BATHROOM

The Geberit product range comprises an increasing number of products in the trendy colour black matt. Black matt taps, drain covers and mirror cabinets in the Geberit ONE premium series are new additions to the range. The touchless Brenta and Piave washbasin taps are also manufactured in black matt. When combined with wood or natural stone, the colour really comes to the fore in the bathroom.

↓
Option Plus Square illuminated mirror

↑
Geberit CleanLine80 drainage channel

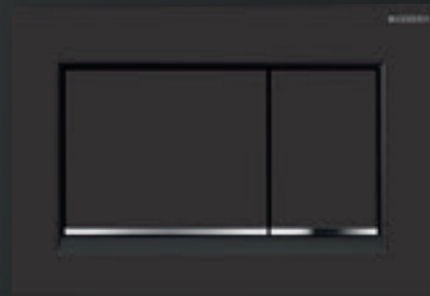
“Black helps bathrooms appear more stylish”

CHRISTOPH BEHLING, DESIGNER

“Black is a trendy colour that can be combined very flexibly with all colours and materials. In the bathroom – similar to when using matt colours – there is an aesthetic that leans towards less reflection and less brightness. It helps to make bathrooms appear more homely and stylish. The choice of black products is a matter of personal taste. If you don’t overdo it, the colour trend is quite timeless. Bathrooms are renovated on average every 20 years. In general, my tip is to leave free space in the bathroom where wall colours, accessories and details can be adapted easily and playfully to meet changing trends. When it comes to permanently installed products, I would always first pay attention to timeless quality. We have to accept that dirt is slightly more visible on some products. The anti-fingerprint coatings on the black Geberit Sigma actuator plates help here.”



←
Geberit Sigma20 dual actuator plate



←
Geberit Sigma30 actuator plate

→
Geberit actuator for Type 10 remote flush actuation



→
Split ready-to-fit set, d52, Bathtub drain with turn handle



“I use black to create atmosphere”

ANDRIN SCHWEIZER, ARCHITECT

“I recommend using black sparingly and in a conscious way in order to not diminish its powerful impact. Black taps radiate a sense of self-confidence and unequivocally state that a design lover lives here. I use black when I want to create an atmosphere typical of a luxury spa. In conversions, the colour is a useful way of consciously differentiating between the old and the new. I like combining black, matt surfaces with materials that have a lot of character, such as hand-glazed tiles, natural stone with thick veins running through it, or wood.”

IN THE MATERIAL LAB

BLACK MATT TAPS PUT TO THE TEST

There is a lot of hype around black matt taps. But does the colour stand up to the stresses of everyday bathroom life? As before every market launch, the materials technologists from Geberit wanted to find out and put the trendy colour through its paces.



↑
The drop test requires a steady hand.

→

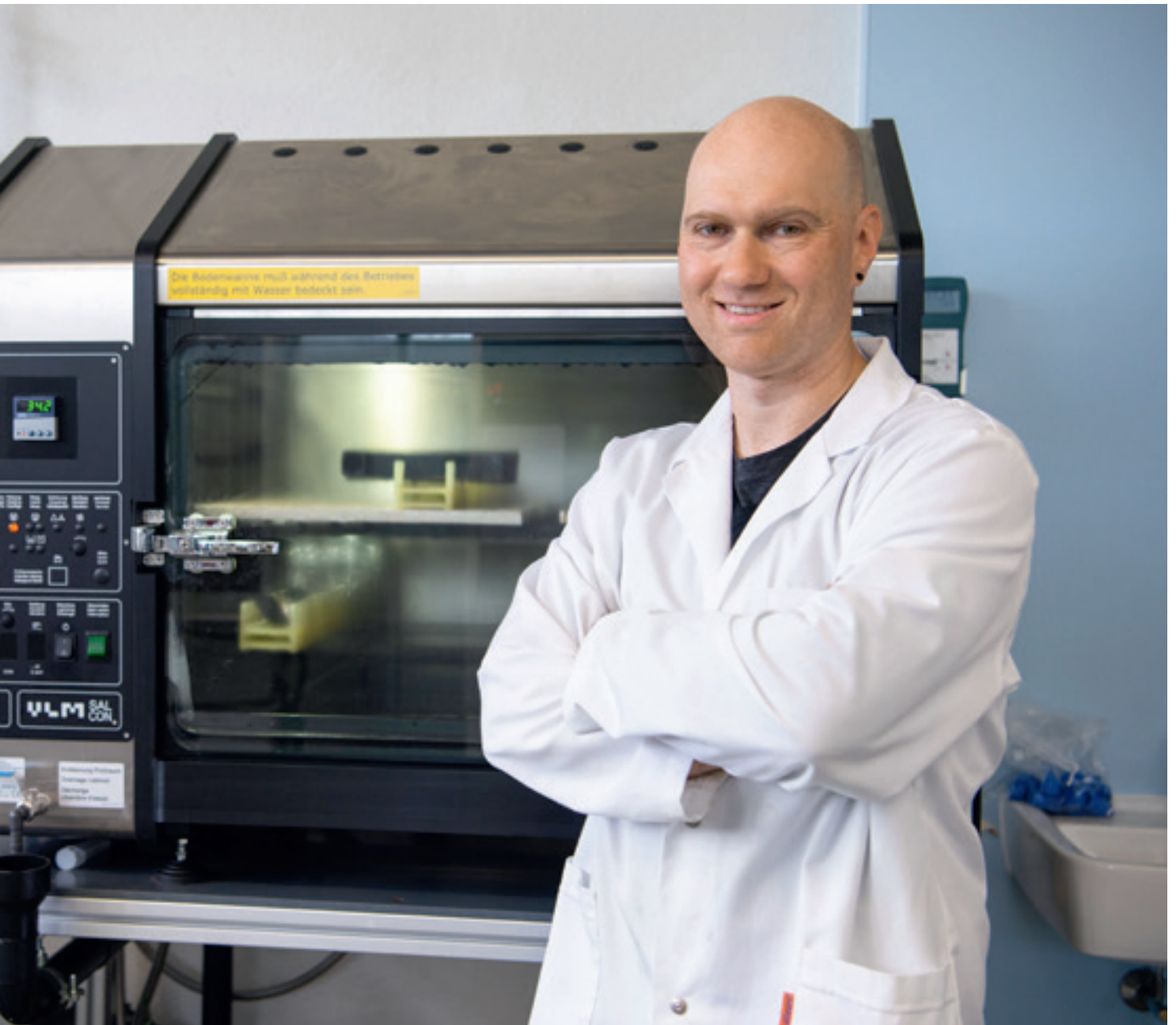
In front of the "sweat-box": Alexander Fischer, a technician in the Materials Laboratory, exposes the taps to a typical bathroom



Something's different here. Visitors to bathroom showrooms have been making a prolonged stop in the taps department for some time now. Whereas taps with a classic chrome look used to be the norm throughout, black matt taps and shower heads are now also competing for the favour of customers. The new options are a pleasant alternative to the high-gloss range.

A CASE FOR THE MATERIALS LABORATORY

This is no surprise, because when it comes to fixtures and fittings, black matt taps open up completely new design horizons – especially when combined with wood. Geberit also offers products in the trendy colour in its range, such as wall-mounted taps from the ONE bathroom series and bathtub drains. Alexander Fischer, a technician in the in-house Materials Laboratory, has



subjected the coating to an extensive series of tests. Physical as well as chemical tests are used for tap surfaces. Physical tests check how scratchproof and shockproof the surface is. A notable example is the abrasion test, which simulates daily use. "In an abrasion test, a silicone stamp comes in contact with the coating 20,000 times within three hours," explains Alexander Fischer.

LIQUIDS OF ALL TYPES

Chemical tests are used to check how the coating reacts to different liquids seen in the bathroom. These include cleaning agents and disinfectants, limescale removers, soaps and hand creams. The most important is the drop test, where liquid drops act on the surface for seven days. The mandatory programme also in-

cludes simulating the warm, damp bathroom climate. "In the condensation test, the taps are exposed to a temperature of 40 °C and 100% humidity for almost a month," says Alexander Fischer. This long duration makes the process a supreme discipline among endurance tests.

Depending on the test process, Geberit itself sets stricter specifications than those prescribed by the standards. This is not only to the benefit of in-house quality standards, but also in terms of complaint statistics – even in the bathroom, the enjoyment of the chosen fittings should remain undisturbed for as long as possible.

DURABLE PRODUCTS THANKS TO ECO-DESIGN

PREMATURE REPLACEMENT? NOT WITH GEBERIT!

Durability and quality are the key aspects during product development at Geberit. This is also ensured by the eco-design principle. The result is a major plus for the environment.

The mood is as dark as the phone screen – the battery is empty again, even though it was only charged a short while ago. The phone isn't even two years old, so it can't be due to the age of the device. Or can it? New devices are launched on the market on a regular basis, but it also seems like products are becoming obsolete even faster.

This is no accident – instead it is common practice. Built-in obsolescence is the name of the game here, a controversial strategy where products are consciously designed to fail or become obsolete prematurely. This then encourages consumers to replace their "old" device with the latest model.

TRANSPARENT INFORMATION

Environmental product declarations (EPD) are used to show transparently which raw materials a product is made of and which environmental impact it has. They provide information on the ecological footprint of construction products and are based on a detailed life cycle assessment. Calculations are made according to the EN 15804 norm for construction products and are checked externally.

As EPDs create transparency and comparability between products from different manufacturers, they are a popular source of information for building owners, investors, architects and other decision makers, and also play an increasingly important role in the certification of sustainable buildings. Geberit provides these voluntary environmental product declarations for installation and flushing systems, piping systems and bathroom products. Products with an EPD now account for around 30% of Group sales at Geberit.

THE POLAR OPPOSITE TO BUILT-IN OBSOLESCENCE

Geberit does exactly the opposite. Products are designed so that they last for years or even decades. This is not only kind to your wallet, but also to the environment as well. This is because the longer a product can be used, the lower the resources per use.

Having high quality requirements and durability as criteria when developing new products is key here. The service life of the products and their reparability are important parts of the eco-design principle. Geberit has developed products in line with this principle since 2007. The goal is for every product to be better than its predecessor from an ecological perspective.

ECO-DESIGN – OUR APPROACH

The washplace: Washbasin ceramic appliances from Geberit are made of natural raw materials and have a service life that spans decades. The ecological footprint of ceramic appliances is shown transparently in an environmental product declaration. The space-saving washbasin drain is produced with 100% green electricity, is backwards-compatible and has a spare parts availability of 25 years. Spare parts are available for the bathroom furniture for up to 10 years.

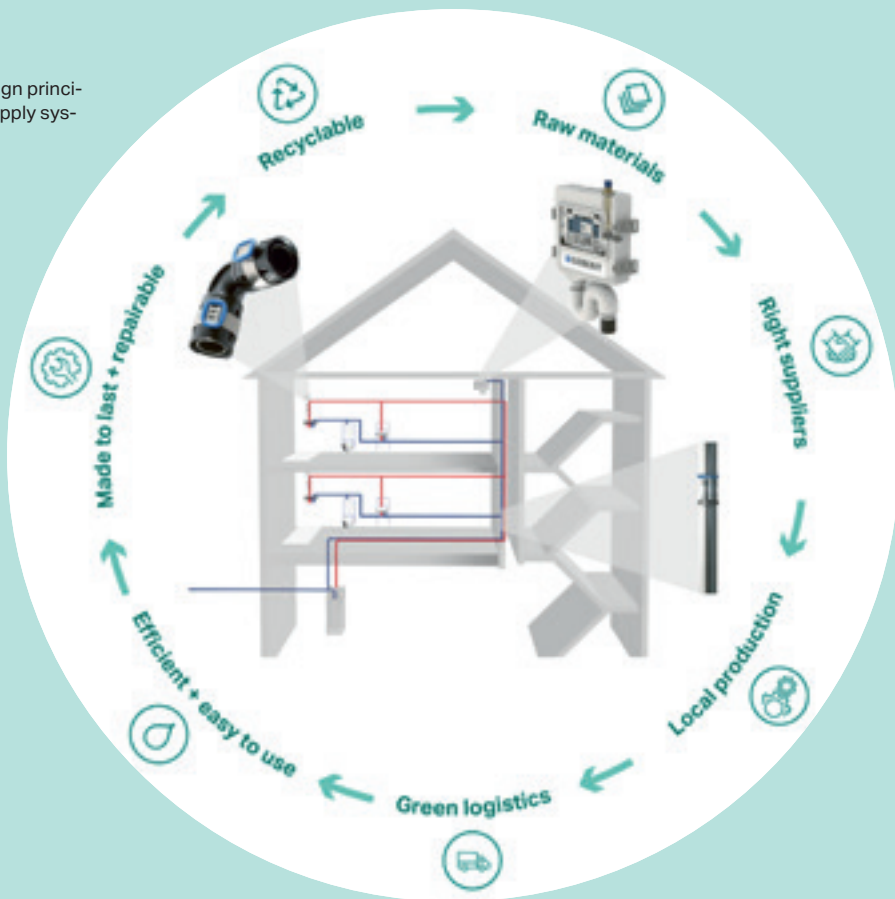
The supply systems: Environmental product declarations are available for both the pipes and fittings used in the Geberit FlowFit supply system. With FlowFit, just two tools are required for processing the entire system efficiently. Space and materials can also be saved as smaller pipe diameters are possible thanks to the flow-optimised fittings. The plastic pressing indicators and protective caps can be returned free of charge. Geberit Mapress pipes are 100% recyclable and have a guaranteed service life of 50 years.

SUSTAINABILITY

→
The eco-design principle at the washplace.



→
The eco-design principle for the supply systems.



REFERENCE PROJECT

PRUGIO 88

HILLSTATE PRUGIO JUAN, INCHEON, KR

A NEW PREFAB SOLUTION FOR SOUTH KOREA



In the Hillstate Prugio Juan in Incheon, 5,800 bathrooms have been equipped with GIS systems.

South Korea is breaking new ground in construction. In Incheon, a project with Geberit GIS installation system came about the likes of which the sales company had never seen before.

It has been going on for 30 years – the worldwide success story of the GIS installation system. In Western Europe, it is hard to imagine the building industry without the system, but in South Korea it has just been discovered. Thanks to a joint venture between the two South Korean companies Hyundai Engineering & Construction and Daewoo Construction – and, of course, the Geberit NSEA sales company in Singapore responsible for South Korea.

The two construction companies, subsidiaries of the renowned automobile developers, have realised a gigantic skyscraper project in Incheon, South Korea. The city of Incheon is a kind of metropolis before the metropolis – a huge suburb of the capital Seoul. And the Hillstate Prugio Juan project is almost a city within the city. It consists of 22 buildings, more than a dozen of them towers, and contains almost 3,000 residential units.

INNOVATION IN MANY FORMS

The project is innovative, offering mobile control of household appliances, heating, hot water and the like, for example. And the construction company also wanted innovation in the bathroom. The GIS installation system was to help with this. "In South Korea, people usually build with classic bricks," says Alex Shin, Head of Sales at Geberit in South Korea. "Pre-wall installations like those made possible by GIS have hardly existed in residential construction until now. The cistern goes on the wall."

The GIS system now hides the cistern behind the wall. It also enabled prefabrication in the workshops of the local sanitary company Sky Systems. This company assembled the entire pre-walls, including Geberit Kappa cisterns and actuator plates, in the factory and then installed them in the shell, ready for installation. "This accelerated the work enormously," says Alex Shin. For both the contractor and the sanitary company, this was a first; and a successful one.

QUICK INSTALLATION

The pre-wall cisterns were installed in record time – a full 5800 of them. 65,000 linear metres of GIS frames are now in the towers of the Hillstate Prugio Juan. A great success for Geberit NSEA. "This is not only the first residential project with GIS in the whole of South Korea, but also the largest GIS project our market has ever been able to sell," says Elaine Naveen, Head of Marketing and Product Management at Geberit NSEA.

Reason enough for a celebration after the recent opening of the mega development. Representatives from Geberit and the installation company Sky Systems presented the successful project to a good 120 customers and put the spotlight on GIS. Geberit NSEA Managing Director Michael Allensbach emphasises: "We want to seize the moment so that these 5,800 GIS constructions are the beginning of a new era in South Korea."



The GIS walls including cisterns have been pre fabricated by the sanitary company.



They were then installed at the building sites.



So the bathroom was quickly finalized.

INSTALLATIONS ON CAMPING AND GLAMPING SITES

COSY CAMPING HOLIDAYS WITH GEBERIT

Reliable sanitary installations are a quality feature of camping and glamping. Examples from all over the world show that Geberit products offer this security.



BANYAN TREE ALULA, HEGRA, SAUDI ARABIA

Near the Saudi Arabian oasis of Al'Ula, a luxurious Bedouin-style tented resort nestles on a desert floor. Glamping at its best: the setting is spectacular, an infinity pool between two rock faces beckons you to take a dip in the desert, and the tent structures themselves are furnished to a high standard. And yes: they contain walls behind which Geberit is represented. The actuator plates had to meet special requirements. Because

the colour concept of the resort is copper - and this is not available from Geberit as standard. But the local Geberit sales consultant found a solution: an external partner coated the plates in a copper look.

The products: Geberit installation system Duofix, Sigma cistern, Sigma30 actuator plate.



EL DELFIN VERDE, COSTA BRAVA, SPAIN

When the Mediterranean calls, the Costa Brava in Spain is one of the most popular hot spots in Western Europe. The El Delfin Verde complex in Torroella de Montgrí offers something for every holiday wish. From bungalow glamping to villas, hotels or classic caravan campsites: everything is possible. The centrepiece of the complex

is the water park, which includes a pool in the shape of the eponymous blue dolphin. In addition, there's a small cave landscape containing WCs including cisterns and actuator plates from Geberit.

The products: Duofix Sigma 12 cm, iCon rimfree WC, Sigma01 actuator plate.



CAMPINGINSEL BAMBERG, GERMANY

Just outside Bamberg DE, directly on the banks of the River Regnitz, the Campinginsel Bamberg offers relaxation. Although geographically it is not an island as the name suggests, the recreation factor is comparable. The number of guests has increased steadily in recent years, and the owners had to offer a new building with sanitary facilities. This includes a wide variety of Geberit products such as Smyle and Renova ceramics, concealed cisterns or urinal flushes. In addition, a hygiene flushing system ensures a reliable exchange of

water in the pipes and guarantees a high quality of drinking water. This is necessary because the camping island is hardly used in winter.

The products: Silent-db20 and Silent-PP piping, Sigma concealed cistern with integrated hygiene flush, Flow-Fit piping system, Renova Plan WC and washbasin, Geberit washbasin tap 185, Preda urinal, Smyle WC and washbasin, CleanLine 80.



Skylum - one of the first high-rise projects in Vilnius also includes SuperTube technology for the first time.
←

SKYLUM VILNIUS (LT)

VILNIUS AIMS HIGH



SKYLUM VILNIUS

Client & Architect: Omberg Group
 Completion: 2023
 Investment volume: 34 million Eur
 Geberit products: SuperTube drainage system, PE drainage system.

←
 The first of the two Skylum towers was completed in 2022.

A city with great prospects also needs great buildings. The two high-rise buildings of the "Skylum" project mark the beginning in the Lithuanian capital Vilnius, which is predicted to have a promising future.

The Lithuanian capital Vilnius is considered one of the global cities of the future. This was recently given by the Financial Times in a city rating – they gave Vilnius top marks in categories such as lifestyle and cost-effectiveness. The Baltic city is worth living in. And that also brings investors onto the scene.

Skylum is the best example of this. Two 70-meter-high towers with 887 apartments are to revive a brand-new quarter on the outskirts of the city. The large-scale project will significantly change the appearance of the city. High-rise buildings are rare in Vilnius; Skylum is one of the first and largest to date.

SUPERTUBE FOR THE FIRST TIME

This circumstance calls for an innovative drainage system such as SuperTube, which is being used in the two high-rise buildings for the first time in Lithuania. The Geberit system replaces conventional dewatering methods. Instead of three downpipes for grey and waste water as well as aeration, a single downpipe is sufficient. Thanks to water rotation in the pipe, an air column is created in the middle. This combines the function of all previous cables in one – and saves material and space significantly.

SuperTube replaces the conventional drainage method. Instead of a three-way stack with two stacks used for

greywater and waste water and the third for ventilation, SuperTube requires only a single stack – greywater and waste water are not separated and a ventilation pipe is dispensed with completely. This is based on a sophisticated hydraulic technology. Because only one stack is needed instead of three, the pipe ducts are up to 50 percent smaller than before. This results in a larger overall living space and a significant reduction in the amount of pipe material needed.

SuperTube is still largely unknown in the Baltics, but this is set to change with the Skylum project. Vytautas Dinda, Technical Advisor at Geberit in Vilnius and the surrounding area, says: "It is of course a challenge to enter the market with a completely new drainage system." He needed several consultations and training to get the planners on board. "Ultimately, the clear advantages in terms of space and material savings were convincing," he says.

VISITS ON SITE

But positioning the system with the planners was only the first step. "While the installers were installing the first downline, I received calls with detailed questions almost every day," says Vytautas Dinda. For him, this is part of the service offered during the introduction of a product. "I went to the construction site myself several times to train the installers, but also to answer questions on site and to inspect the situation."

This close support should pay off in the long term. Both the real estate developer Omberg Group and the construction company Inhus Construction are internationally renowned companies. "And Skylum is one of the largest construction projects in Lithuania," adds Vytautas Dinda. And it is a forward-looking one: 700 Sovent fittings and around 2.5 kilometres of PE pipes speak volumes.

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