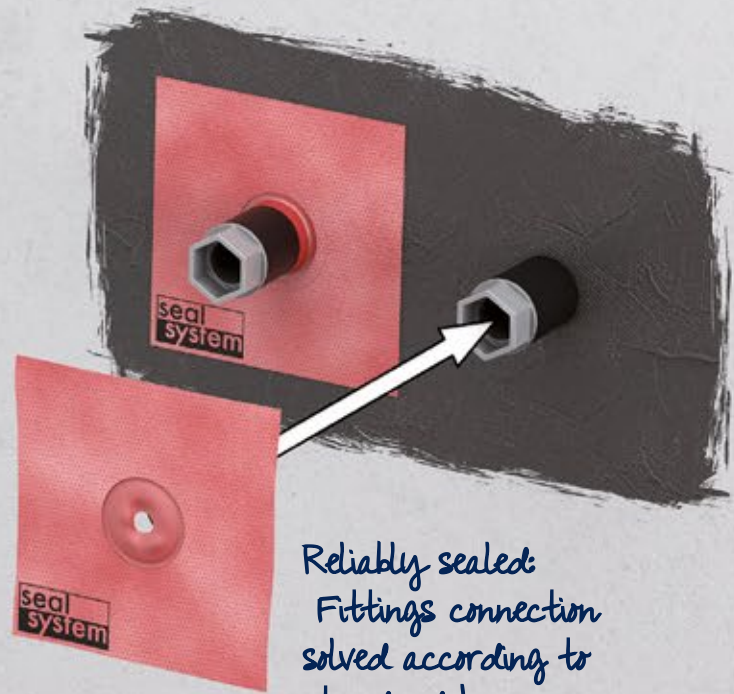


TECE NEWS

That's what I call a system solution
in terms of bath sealing!
Namely at the wall and floor!



Reliably sealed:
Fittings connection
solved according to
standards!

Complies with
DIN EN 18534!

Protective cover
for the construction site
always there for you.

Already on it ex works:
sealing collar

New for 2019

Drainage: TECEdrainline-Evo

Pipe systems: TECElogo-Ax

Design: Refined surfaces

Sanitary systems: Hygiene flush, TECEsolid



Smart
secondary drainage
is now backlog-proof!

Editorial

HOW CAN WE BE GOOD TO YOU THESE DAYS?

Dear Ladies and Gentlemen,
Dear readers,

It's about listening closely: How can we be good these days for craftsmen, planners and architects?

When you ask this question – given the backlog of orders, shortage of specialists and young talents and the excessive technical complexity - only one answer can be given: Our products must be simpler, safer, easier to handle and must avoid errors. We have to deal with any potential problem in design, communication and quality that our customers might face in the environment of our solutions.

We acted – as can be seen from each of our ISH innovations.

Take the shower channel for instance: The new TECEdrainline-Evo is unparalleled in its outstanding qualities – but has been significantly improved in many details at the interfaces with the other trades. This extends to the fact that the new TECEdrainline-Evo positively clarifies the relationship with the tiler – Evo meets the standards in every situation, making it a stress-free product.

Or our new TECElogo-Ax fitting system: We are combining the market-launched TECElogo composite pipe with new axial sliding sleeve fittings and making it more universal, application-friendly and construction site-friendly. Working with this system becomes even more flexible and smooth.

Our motto: For complex innovations, we have to reduce the number of steps and instead make work easier. Such innovations are proof of our understanding of market proximity - we call it 'close to you'.

We look forward to welcoming you at the spring trade fairs.

I wish you a good start into the year – with our products.

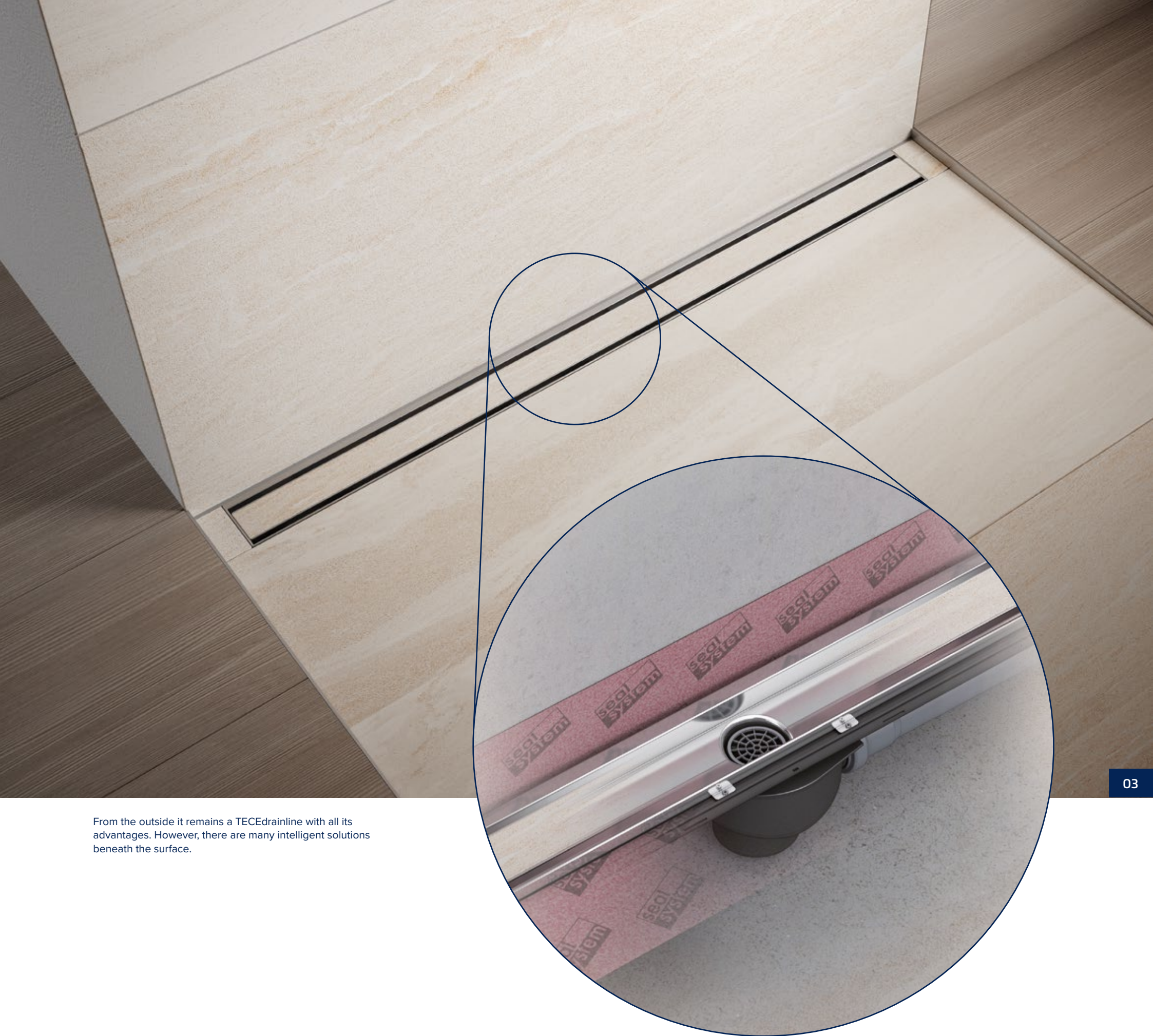


Hans-Joachim Sahlmann



Hans-Joachim Sahlmann

TECE 
close to you



From the outside it remains a TECEdrainline with all its advantages. However, there are many intelligent solutions beneath the surface.

TECEdrainline-Evo

NEXT GENERATION – THE CHANNEL FOR ALL CASES

Evo stands for Evolution – the new shower channel generation from TECE is not a break with the TECEdrainline virtues that have been tried and tested millions of times over, but rather is their consistent continued development. The attention of the developers is focused on simplifying work, perfect compliance with continuously developed standards and avoiding errors. Design in the best TECEdrainline tradition – with customer-friendly advanced technology behind the scenes.

WE HAVE THOUGHT OF EVERYTHING

What can be developed further on a TECEdrainline shower channel to make it useful? Quite a bit in detail – except for the appearance from above.



Above

Nothing has changed from above – all TECEdrainline covers (stainless steel, glass, tileable channel) still fit on the Evo. The legendary ease of cleaning the seamless stainless steel channel body with 3D slope is also retained. The end customer gets a perfect shower channel – and doesn't know about all the improvements...

Planning and construction phase

NEW

1. Construction time protection

From harsh everyday construction site conditions: Both the sealing collar and the polished stainless steel body of the channel are protected (1) from damage and impurities by a plastic cover. The cover can even remain on for the leak test by the fitter. The sealed cover (2) is first removed to attach the composite seal.

NEW

2. Tiler interface optimised

The sealing collar attached ex works (3) speeds up the incorporation in the composite seal by the tiler. The pre-production eliminates a work step – and a potential source of errors.

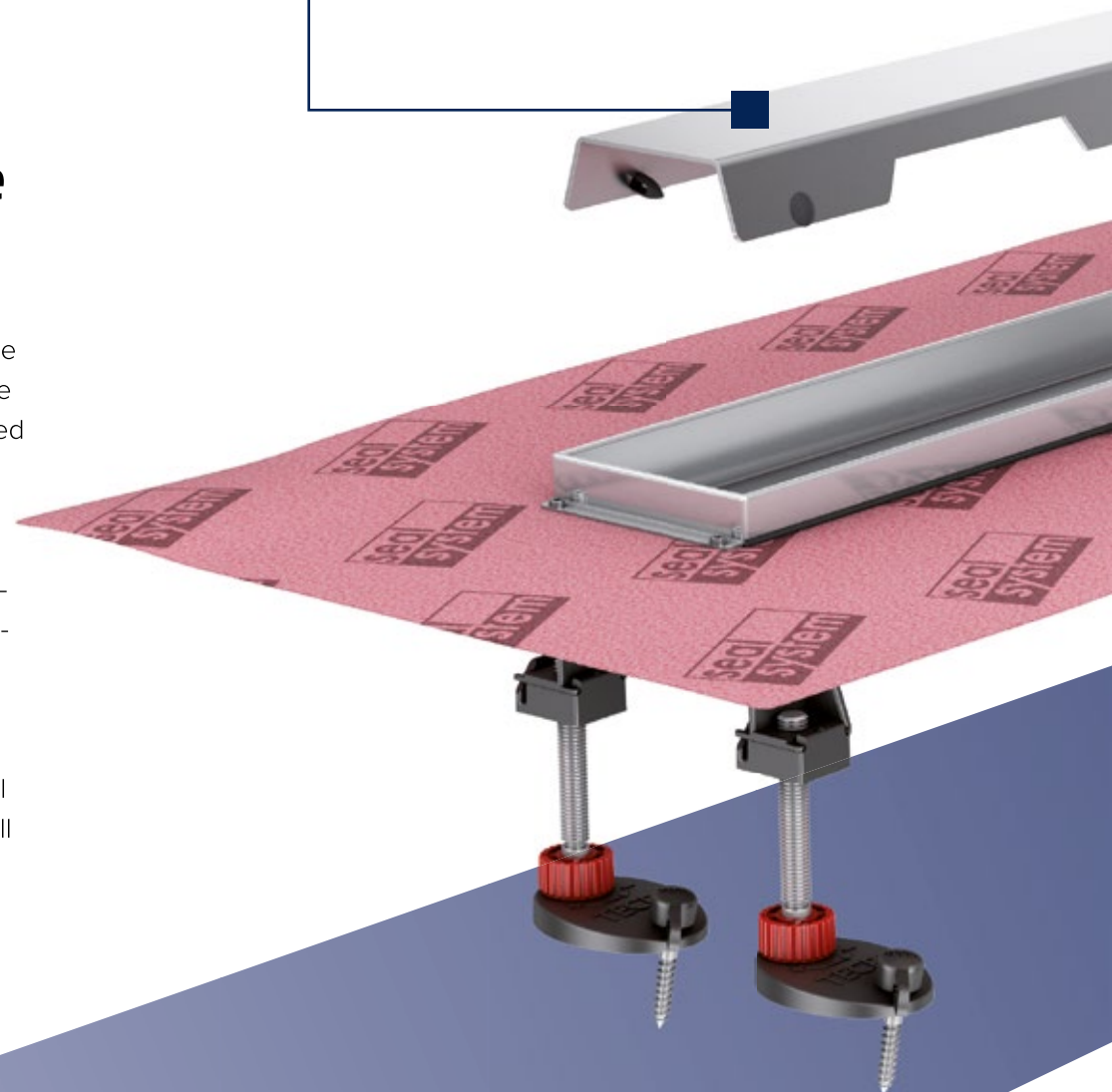
NEW

3. For all water impact categories in the bathroom

It always fits: Due to the factory-fitted sealing collar, Evo meets all DIN EN 1253 and DIN 18534 requirements and can be used for all water impact categories.

4. Safe modular system

TECEdrainline-Evo remains a coherent system. All other components still fit the new channel body. The lengths 700, 800, 900, 1,000 and 1,200 millimetres are available by default. For wall-mounted installation, there are special variants which come with a stainless steel upstand for attaching the wall tiles.



BEFORE

Warranty and usage phase

NEW

1. Sealed ex works

The sealing collar ex works is securely sealed and minimises the liability risks of the executing trades at the critical point. TECE is liable for the leak tightness of the connection between the sealing collar and the channel body.

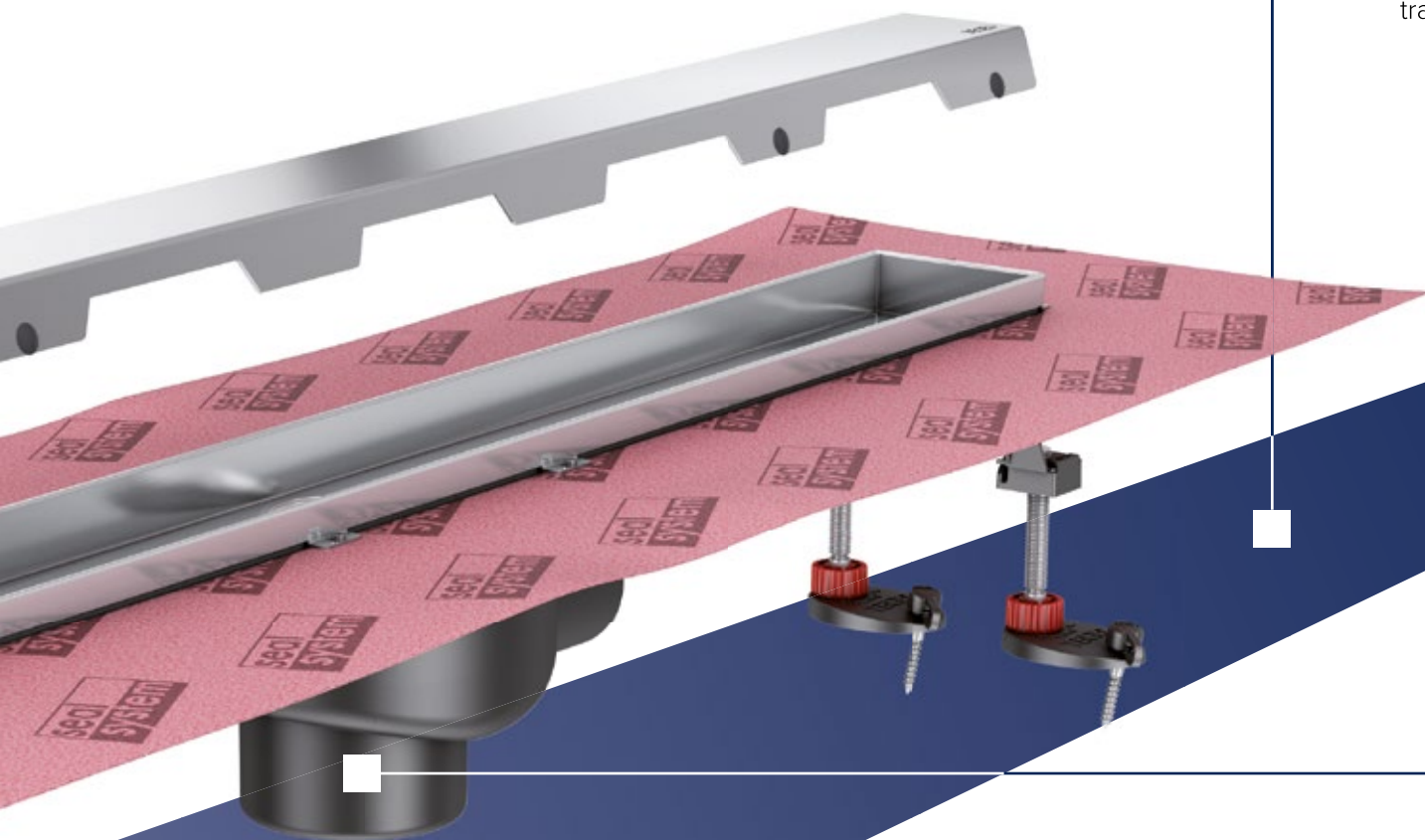
NEW

2. Capillary protection plus secondary drainage

The removable immersion pipe allows for an optional secondary drainage. In operation, it prevents backwater and reliably protects the tile subsurface from penetrating wastewater.

3. Seal System-compatible

TECEdrainline-Evo is part of Seal System. The compatibility of the drain solution, sealing collar and different composite seals of the market is independently tested, giving planners and contractors security in practice.



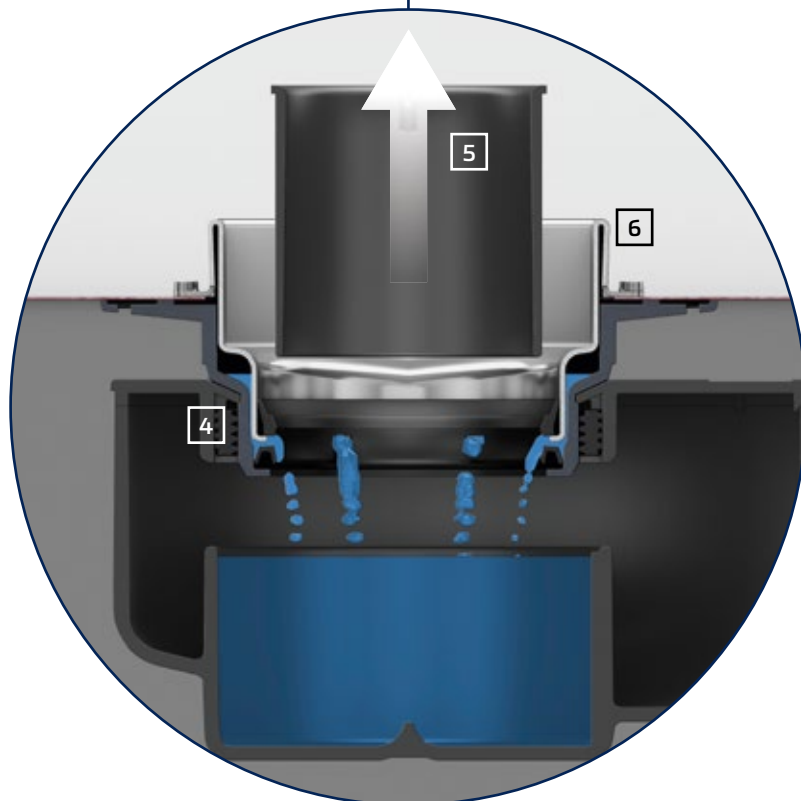
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Below

NEW

With the Drainline shower channels, there is hardly anything to improve about the technology below: the simple assembly and adjustment, the certified leak tightness, the drain options, the safety due to the capillary protection edge ...

However: Despite many scientifically substantiated counterarguments, the tiling trade sometimes calls for secondary drainage. TECE is now offering a solution for this demand with an intelligent secondary drainage function **(4)** with a unique backflow stop. Simply pull the immersion pipe **(5)** and drain if necessary. The important capillary protection **(6)** is retained – and therefore so too is the hygiene and protection of the structural body.



The TECEdrainline-Evo is available for delivery starting April 2019.

SEALING WALL BUSHINGS TO MEET STANDARDS



DIN 18534, which was issued in Summer 2017 for sealing indoor spaces, also precisely defines the requirements for wall bushings above the bathtub and in the shower. The sealing set from TECE offers a simple, reliable and standard-compliant solution for installation technicians and tilers.

The Seal System sealing set for wall bushings consists of a protective plug, sealing collar and sealing sleeve. After sealing and tiling, the installer unscrews the assembly plug from the sealing sleeve, which stays in the wall. The seal between the sleeve and the sealing collar is not impaired. An important advantage: in the event of leaks, the water is guided forwards out of the wall. Additionally, the sealing sleeve reduces the danger of an acoustical bridge, which transfers sound from the flowing water to the wall.

The sealing set is available from stock.

The sealing collar is pulled over the plug and fits closely to the sealing sleeve. The sleeve is then cut to be flush with the wall and reusable assembly plug is unscrewed. Lastly, the valve extensions are screwed in.

INSPECTION PASSED

An independent testing institute tested the Seal System sealing set for watertightness based on the “Directive for European Technical Approval for Sealing Walls and Floors in Wet Rooms” (ETAG 022, annex F). The test procedure applied simulated the long-term behaviour under mechanical stress and load from hot and cold water.

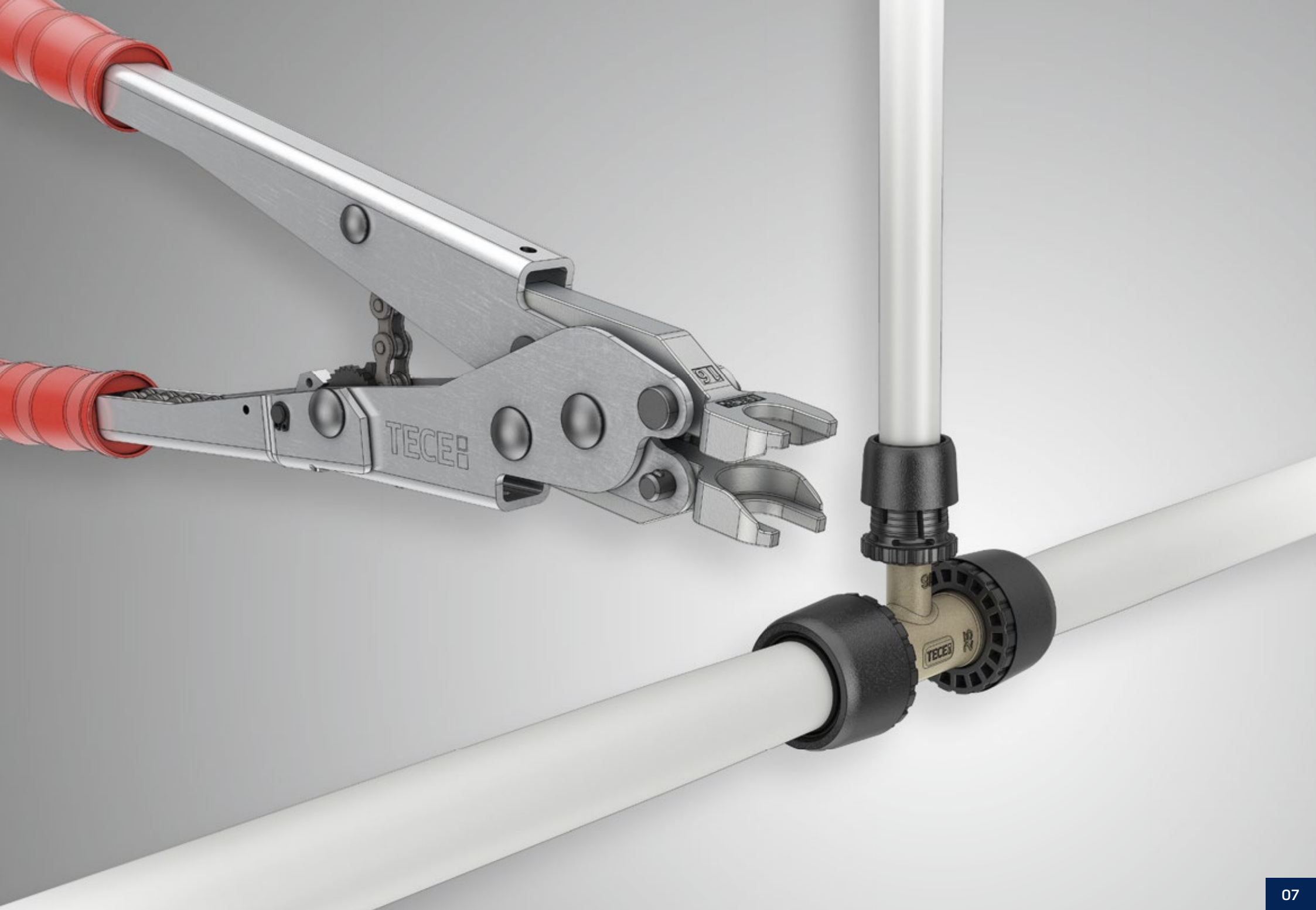
In a test cabin, the sealing set installed on plasterboard panel was alternately sprayed with 10°C cold water for 60 seconds and after a 60 second break with 60°C hot water in 1,500 cycles. Then the test body was stressed with vibrations for 24 hours via a motor and then sprayed with water again for 1,500 cycles.

The subsequent moisture measurement and leak tightness check proves: The transition from the sealing collar to commercially available liquid composite seals, the seal between the collar and the sealing sleeve and the seal to the wall disc remain reliably sealed.

1 The specimens were practically prepared for the test.

2 The sealing set is exposed to the long-term stress on the test bench as per ETAG 022.





TECE opens up the world of axial press technology for the market-launched TECElogo piping system. In the future, there will be sliding sleeve fittings made of silicon bronze in standard dimensions for TECElogo. The option for push fittings is still available in all dimensions.

TECElogo is now also available with axial press technology

SECURE CONNECTIONS WITHOUT EXPANSION

On the one hand, 30 years of the best experience with axial press piping systems, on the other hand the often less positive experiences of the market with the maintenance-free tools for radial-pressed fittings. Both of these factors moved TECE to transfer the principle of the simple axially pressed sliding sleeve to the TECElogo piping system. This transforms the pure push-fit system into a combination solution: Push fittings and axial press fittings on one and the same pipe – tailored to requirements and process-optimised.

The best of both worlds: TECElogo-Push and TECElogo-Ax

PUSH AND PULL – ON ONE PIPING SYSTEM

The proven piping system – new options: TECE is expanding TECElogo. The push fittings will be expanded in the dimensions 16 to 32 mm to include the reliable, O-ring-free axial press fittings.

TECElogo

Push



Ax



TECElogo-Push is what the push fitting product range is called that spans all pipe dimensions. Pushing entirely without a pressing tool: it's ideal when things get tight or if you have to work with large dimensions overhead.



The sliding sleeve fitting for TECElogo is called TECElogo-Ax. Advantages: O-ring-free, easy to handle, simple tool, error-free, quick work made easy.

NEW

“Goal: The state of the press tool must not influence the quality of the pipe connection.”

Olaf Altepost, Product Manager for Piping Systems



Radial press craftsmen can tell you a thing or two about it: Tool maintenance and tool management can become very important in larger companies. After all, in the event of major damage, a lot depends on whether the regular maintenance of the radial pressing tools is properly documented for insurance purposes. The TECE position about it: The quality of the pipe connection may not depend on the state of the press tool. This is best done with the proven axial press fittings and now also with the TECElogo pipe.

There will be two fitting options available in the future for TECElogo: TECElogo-Push is the proven tool-free push fitting, TECElogo-Ax is the new O-ring-free axial press solution that only needs a simple tool. The tool maintenance is not relevant to the quality of the connection. The combination of both worlds opens up entirely new possibilities to the contractor: In the case of strenuous overhead work or in narrow shafts, the fitter can insert manually with push fittings – tool handling is completely eliminated, especially with the large and heavy fitting dimensions.

With the standard dimensions of 16 to 32 millimetres, the fitter can optimise his work processes with TECElogo-Ax fittings, because the pipe does not have to be calibrated or expanded for the new axial press fitting. It is simply cut to length, pushed into the fitting and then pressed with a simple hand or electric tool. The system avoids oversights in design: The pressing state is clearly visible at all times and the fittings remain reliably leaky in the unpressed condition.

The axial press technology does not require O-rings and has thus proven to be extremely fault tolerant. The elimination of the O-ring

groove results in a larger internal cross-section, which is responsible for the optimised flow resistance of the TECElogo-Ax fittings.

The two pipe connection versions complement each other to meet the requirements: The TECElogo-Ax fittings are available in the dimensions 16 to 32 millimetres. The TECElogo-Push fitting product range is available in the dimensions 16 to 63 millimetres. TECElogo-Push can fully unfurl its strengths in particular in large dimensions, because the larger the fitting, the larger the tool – but TECElogo-Push only requires the craftsman's hands. One pipe – two connectors, a real plus for craftsman. Safe and error-tolerant on the floor, fast and flexible in the shaft.

Both TECElogo-Push and TECElogo-Ax are made of materials suitable for drinking water and meet all requirements for drinking water and heating installations. Hand and battery-powered hydraulic tools can be obtained.

TECElogo-Ax will be available starting in the second half of 2019.

A useful addition: TECElogo-Ax Axial press fittings are available in the standard dimensions; TECElogo-Push fittings are available as usual in all dimensions.





TECEsolid & TECEfilo-Solid

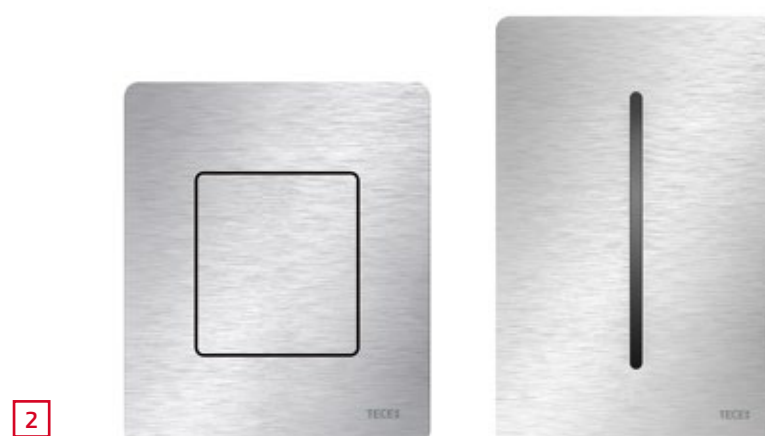
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THE FLUSH PLATE, ALMOST TOO BEAUTIFUL FOR PUBLIC TOILETS

TECEsolid targets the market segment of public and semi-public toilets – areas where aesthetics are not exactly the top priority. Here the plate is visually and functionally something quite nice. The design is reduced-puristic and yet easy to read: A large button, a small button – dual flush technology, of course suitable for all TECE universal cisterns.

The flush plate, which is only six millimetres thick, is manufactured in a sturdy sandwich design: A two millimetre thick metal plate protects the plastic supporting frame against public hostility, especially with high user frequency. It can be screwed together in a concealed manner for protection against theft. Rubber buffers under the buttons reliably prevent rattling noises during actuation, and provide a pleasant material feeling. The sturdy toilet flush plate measures 220 x 150 millimetres, and the surface is available in brushed stainless steel with or without anti-fingerprint coating. It is alternatively available in matte white or glossy and in glossy chrome. The matching urinal flush TECEsolid is available as a manual or electronic version (TECEfilo-Solid) with infrared sensor.

TECEsolid will be available starting in June 2019.



1 The sturdy stainless steel flush plate withstands the tough conditions in the public sector.

2 TECEsolid is also available for the urinal with manual or electronic activation (TECEfilo-Solid).

Refined surfaces for shower profile and toilet flushing

ELEGANT ACCENTS

The bathroom as if made from a single unit: The new surface finishes for the TECESquare metal toilet flush plate and the TECEdrainprofile shower profile perfectly match the surfaces of standard fittings.



Modern bathrooms are becoming more and more individually designed retreat spaces for wellbeing. It's no wonder that colours are continuing to make a comeback in the bathroom, but the demands of end clients for exclusivity, individuality and durability are also increasing.

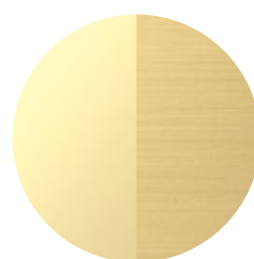
That is to say the need for quotations that offer precisely this kind of reliability in planning. The details matter here; a harmonious and captivating look can only be achieved when all the products are coordinated.

Another important detail: a surface finish that not only looks refined but is also durable and can withstand the special requirements in the bathroom. The answer to this: a PVD surface finish.

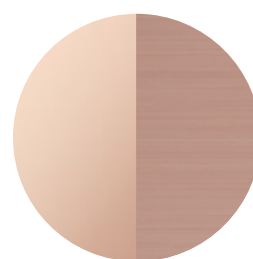
This technology comes from watches: the PVD coating not only makes metal surfaces tougher, it also gives them a characteristic tint. TECE will be offering these products in future in the colours Black Chrome, Red Gold and Gold Optic - in either a brushed or polished look. The colours are also tailored to the fittings from Hansgrohe/Axor, allowing harmonious colour design of toilet and shower through to the washstand.

TECEdrainprofile and TECESquare metal will be available with finished surfaces from July 2019.

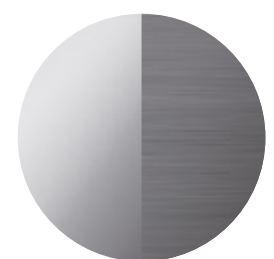
Gold adds visual highlights to the bathroom. With the finished metal surfaces for toilet actuation (1) shower profile (2) and fittings from Hansgrohe/Axor (3) you can achieve a consistent look throughout the entire bathroom: Here combined with marble and leather.



Gold look
Polished / brushed



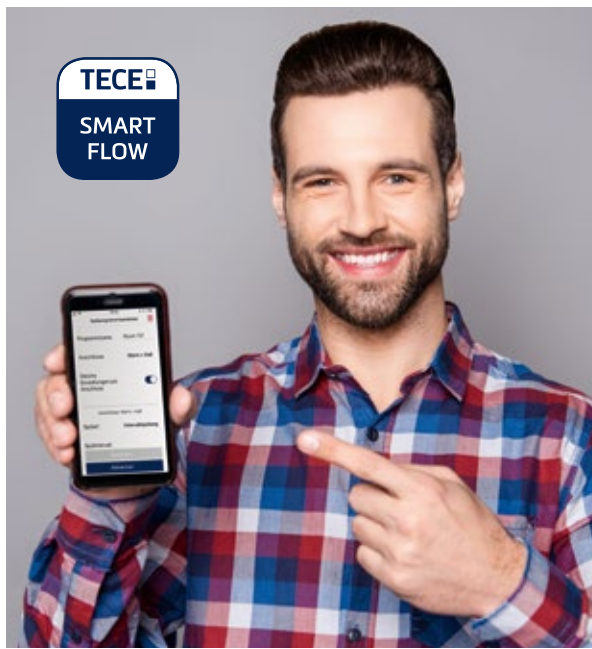
Red Gold
Polished / brushed



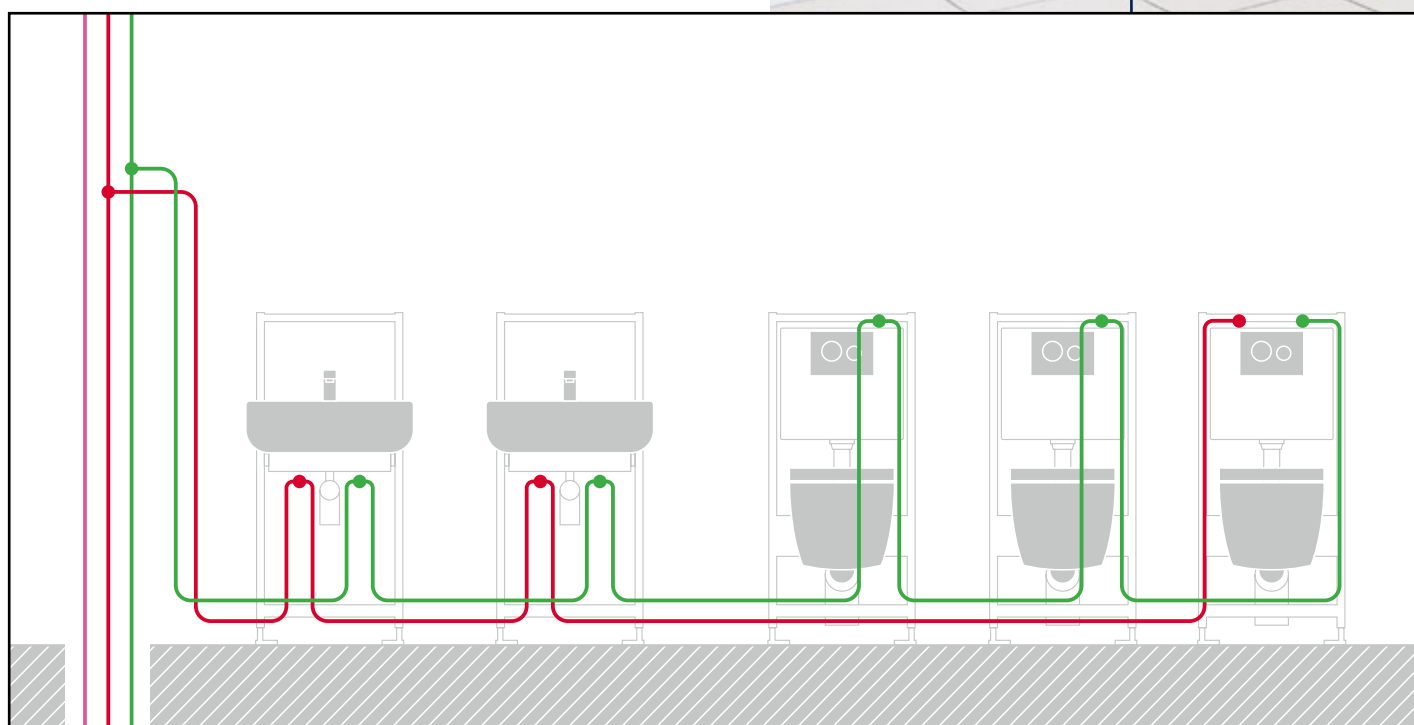
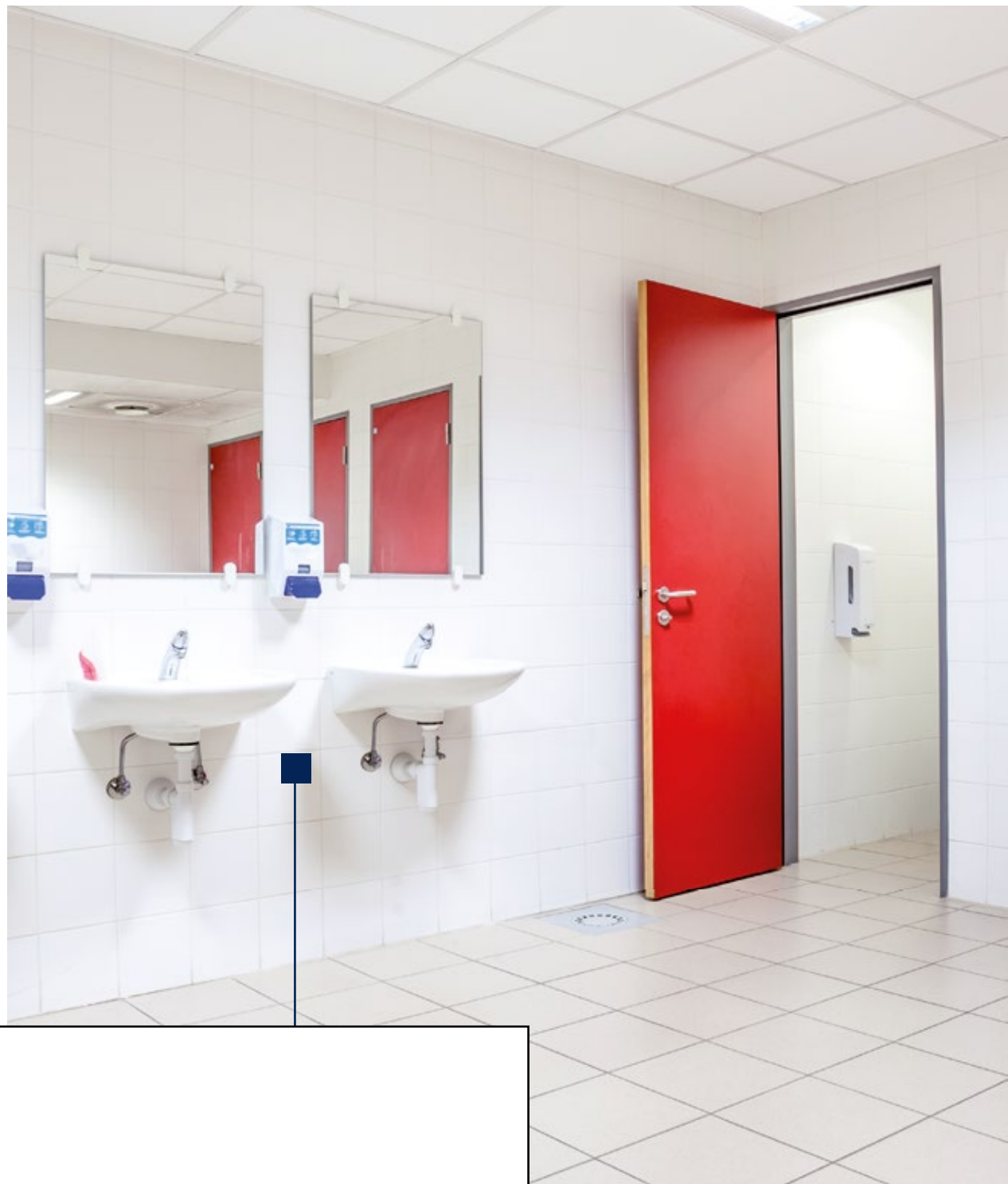
Black Chrome
Polished / brushed

IT'S ALL UNDER CONTROL

If drinking water stagnates in the pipeline, this can create hygiene problems. This is prevented by an automated flushing unit. TECE is breaking new ground here by installing hygienic flushing in the universal cistern – thus saving pipe loops, pipe inspection openings and equipment. It is programmed contact-free using a smartphone app.



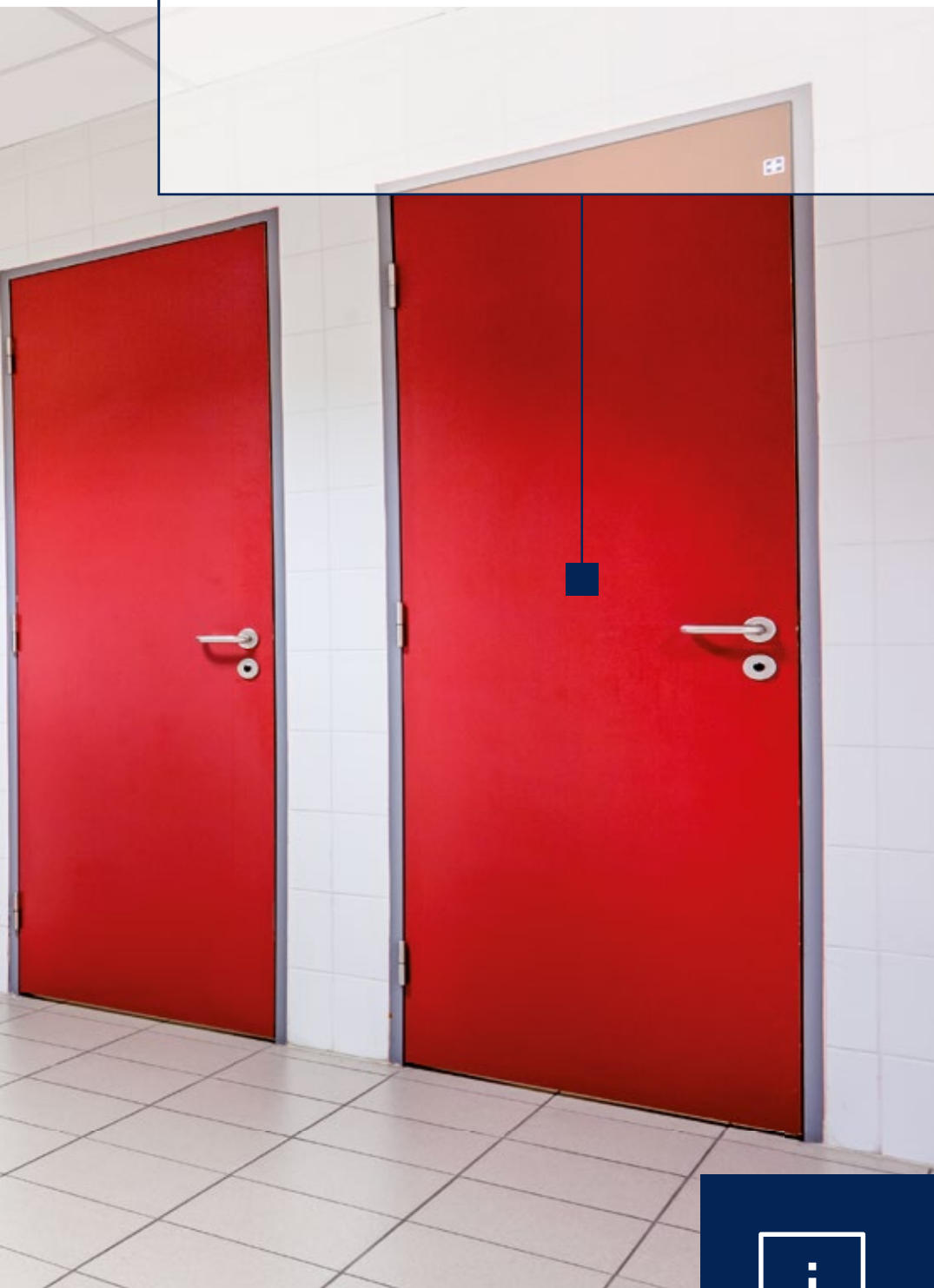
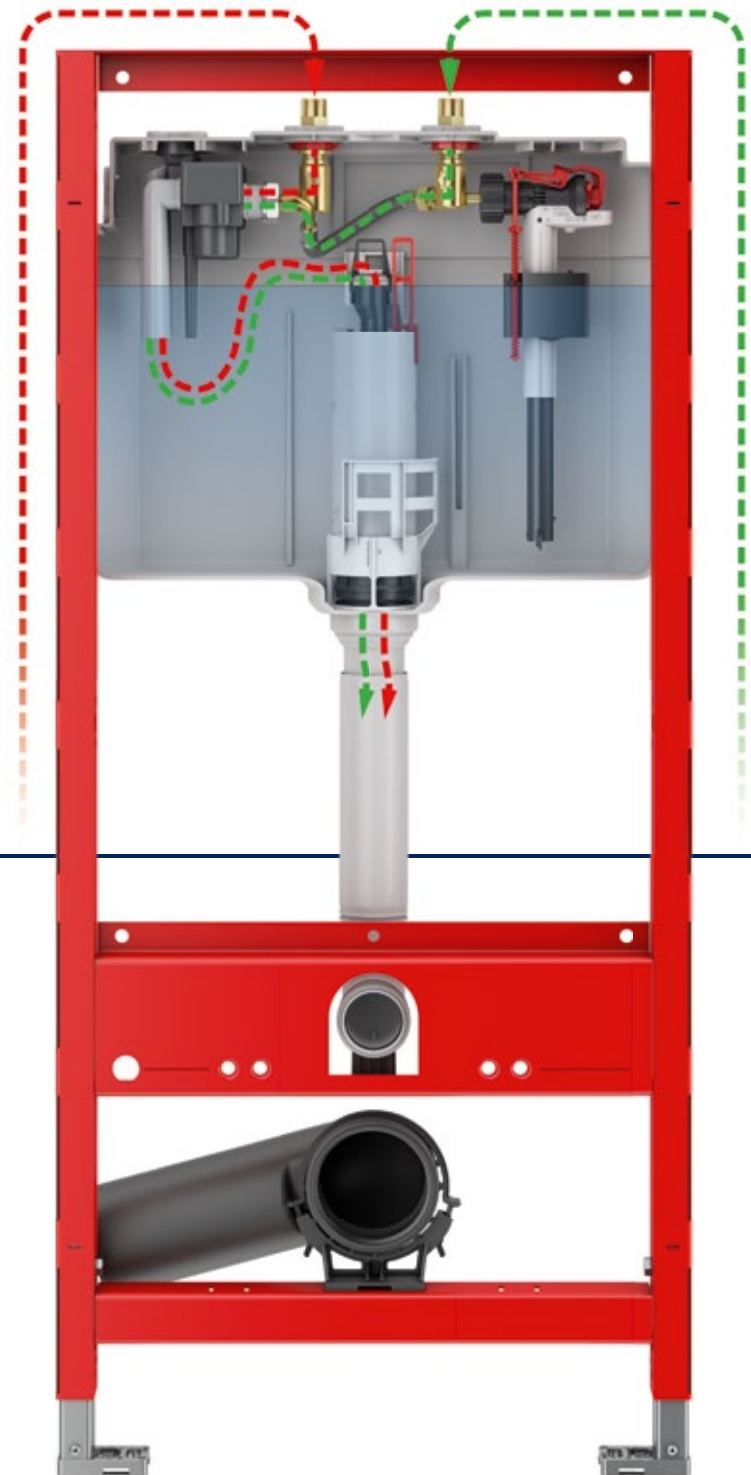
“Drinking water hygiene automated and without additional effort – even during the summer holidays: The entire drinking water installation is flushed regularly via the nearby toilet cistern. Everything under control thanks to the app for contact-free control – and a digital flushing log as proof.”



Hygienic flushing integrated in the cistern: Flushing takes place via the last consumer in the row installation (picture). In a ring installation, it does not matter where the cistern with the hygienic flushing is positioned. In the cistern there are two solenoid valves, one each for the hot and cold water pipe, a fill level sensor and a connection for the optional link to the building control system.

Hygienic flushing is now also possible discreetly and without equipment engineering or additional pipe loops. For this purpose, TECE has ingeniously simply integrated the flushing option into the cistern. The entire pipe network – hot and cold water – can be flushed via a cistern that has been upgraded in this way. Whether, how often and how long the cistern is flushed can be set via an app without directly accessing the hygienic cistern. The big advantage: a pipe loop to an extra flushing apparatus and an additional inspection opening are no longer necessary. If necessary, the function can be overhauled by the specialist technician via the opening for the toilet flush plate. By using the log feature of the app, operators can prove the flushing processes and the fulfilment of the circulation safety obligation.

TECE hygienic flushing will be available starting in June 2019.



The water must be exchanged

When planning and constructing a drinking water system, it must be ensured that no microorganisms can settle and multiply in the pipelines. The “intended operation” must be ensured. According to **DIN EN 806-5**, “normal operation” is the obligation to ensure the exchange of water by withdrawing water once every seven days – in the pipe section as well as in the entire potable water installation. It is of course recommended to exchange the water daily, but DVGW [German association for gas and water] and VDI [Association of German Engineers] still consider an interruption of use of up to 72 hours to be uncritical. Automated systems for line flushing are suitable in buildings with interruptions of use (schools, hotel rooms, holiday flats and rarely used parts of buildings) in particular.



1

TECEone – the toilet with shower function in production

IN A CLASS OF ITS OWN

The ceramic specialist Üzeyir Aşıcı came to TECE from a well-known ceramic manufacturer and is dedicated to the TECEone unpowered shower toilet from A to Z, i.e. from the mould to the production process. The message to the market: Production is now in full swing.

Making a ceramic toilet is a truly complex process. After all, the toilet is the most complex technical product that is usually made of functional ceramic. Between casting, drying, firing and glazing, the material constantly changes its dimensions – shrinkage of up to eleven per cent is typical. And afterwards the customer wants a perfect surface, a clean function – and last but not least a dimensionally stable product.

TECEone is particularly demanding in terms of production, says Üzeyir Aşıcı – which is also why it took time for TECE to get production under control: “At this shower toilet, ceramics repeatedly meet other materials that are absolutely dimensionally stable – such as the metal built-in thermostat fixture, the plastic shower arm or the permanently installed holder for the toilet seat”. Materials from the world of millimetres are combined with ceramics and their special characteristics. In addition, it has a sophisticated shape in the flushing area – really no flushing rim and an intelligent wall mounting. Aşıcı: “I’ve been in ceramics for 30 years – but this product is also in a class of its own in terms of manufacturing technology”.

TECEone has been manufactured in die casting and series production since 2018 – with a significant increase in the quantity of units. The initial problems have been solved and the product is now impressing in every respect, also from the series production point of view.

The toilet with shower function is available on the market.

2



1 Ceramics specialist Üzeyir Aşıcı is responsible at TECE for the production of the unpowered shower toilet.

2 TECEone ceramics are manufactured using an efficient die-casting process.

TECEprofil washstand module

WATER METER QUICKLY AND EASILY INSTALLED

As an addition to the TECEprofil product range, a washstand module is now available for the simple installation of water meters directly under the washbasin. The self-supporting mounting frame is fitted with two pre-assembled mounting blocks to accommodate the most common water meter measuring capsules with coaxial 2" connections. The washstand module is of course compatible with the TECEprofil supporting structure or is also suitable for installation in metal or wooden stud walls. The installation height is 1120 millimetres.

TECE offers a separately available ready-to-mount set to match the mounting blocks. The set contains a chrome-plated handle, a covering anchor plate, a length-adjustable spindle extension and replaceable marking discs. **The TECEprofil washstand module is available from stock.**

- 1 Pre-assembled water meter housings ex works: The fitter saves time with the new TECEprofil washstand module.
- 2 The module is compatible with the most common water meter measuring capsules available on the market with coaxial 2" connections.
- 3 Complete installation set for the flush-mounted shut-off valve.



With the new quick fasteners, TECEprofil modules can be fastened more quickly and their depth can be adjusted more easily.

TECEprofil

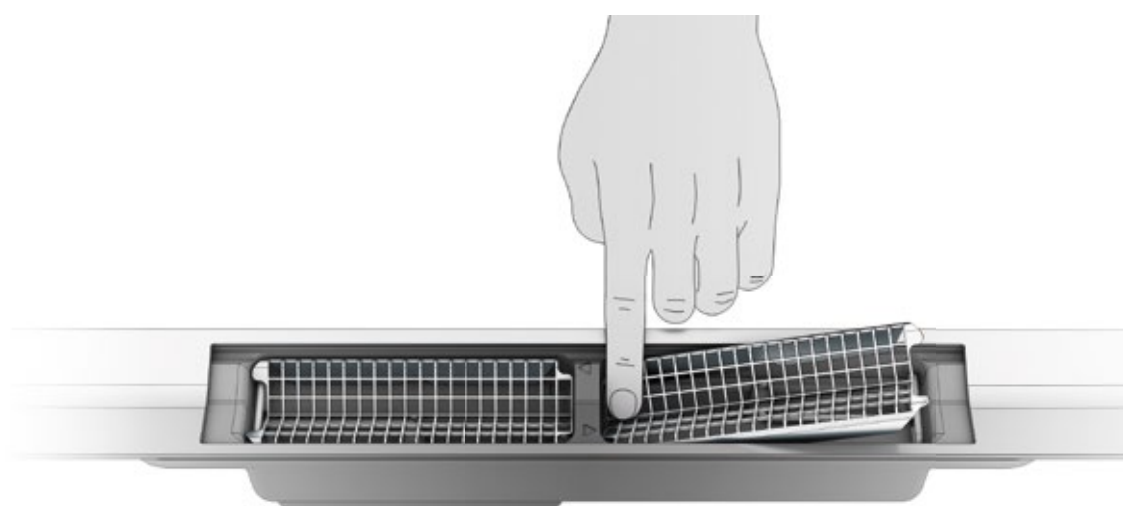
QUICK-RELEASE FASTENERS FOR THE MODULES

TECE has optimised module fastening to make it even easier to mount modules on solid building structure walls and on the TECEprofil section tube. The TECEprofil module fastening now has two quick-release fasteners, thanks to which the modules can be attached to the profile rail and adjusted in depth without tools. As before, the mounting distance is 150 to 240 millimetres. The fastenings are available separately and in the future will also be part of modules with wall mountings that are already included. **The TECEprofil module fastening is available from stock.**

TECEdrainprofile

COMFORT AND HYGIENE: HAIR TRAP AS AN OPTION

There is now a high-quality stainless steel hair trap for TECEdrainprofiles, the drainage solution that can easily be adapted to the entire shower area width. It consists of two parts that can be simply removed for cleaning thanks to the tilting function. Like the profile rail, the trap has an internal slope that carries the hair from both sides into the middle of the drain. The remaining trap areas remain free for longer and the water can flow away unimpeded for a longer period of time. **The TECEdrainprofile hair trap is available from stock.**



The two-part stainless steel hair trap can be easily removed for cleaning thanks to the tilting function.



New distribution centre

TECE IS EXPANDING ITS CAPACITIES

As part of TECE's continued international expansion, a new distribution centre is currently being built in Strzelin, Poland, with a total area of 12,000 square metres. The Distribution Centre Eastern Europe (DC2) will be a combination of finished goods warehouse and production building, which will relieve the Emsdetten location and optimise the flow of goods to many countries.

The idea of establishing a distribution centre in Eastern Europe is based not only on its proximity to the TCI (modules and registers) and MPC (pipes) plants, but also on the strong growth of the TECE Group, which is characterised by a high degree of dynamism, especially in the Eastern European markets. The new distribution centre will open in mid-2019.

Bathroom & Sanitary Design Catalogue

ROOM FOR IDEAS

In the new catalogue you can find detailed information about our products, which will let you shape your personal bathroom dreams in front of the wall. Visit our website where you can easily download or order these brochure and other documents: www.tece.com



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TECE
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