

Plano-X - Floor-level shower element

**burda**  
Sanitärtechnik



## Planopor Planoline

intelligent solutions for floor-level shower areas

- Barrier-free, as floor-level installation is possible
- Wheelchair access, ceramic facing of at least 5 x 5 cm
- Secure standing by only 1-3% slope
- Standard sizes in the formats square, rectangle, pentagon, quadrant
- Optional impact sound insulation
- Made absolutely leak-proof at the factory, no further treatment needed
- Double-sided special coating for immediate fitting of ceramic or other floorings
- Can be shortened on each side up to 10 cm to adapt to conditions on site
- Special sizes and designs available on request
- Low installation height from 30 mm
- Sound insulation in wall connection area through standardised factory-fitted insulation strips
- Integrated thermal insulation
- Simple, time-saving and clean installation

# PLANO X

Floor-level shower elements with tileable or finished surfaces

With the fully pre-assembled and ready-to-tile shower elements from burda the implementation of floor-level shower areas is possible even without elaborate preparation. The shower elements are simply flush-mounted in the screed by the executing specialised craftsmen, fixed to the substrate with tile adhesive and then tiled. Manual modelling of the flow inclination, complex insulation of the drain and subsequent sealing of the surface are not required here. The elements are already provided at the factory with a pre-fabricated flow inclination, a pre-assembled and insulated drain housing as well as a waterproof and ready-to-tile coated surface.



# PLANO POR

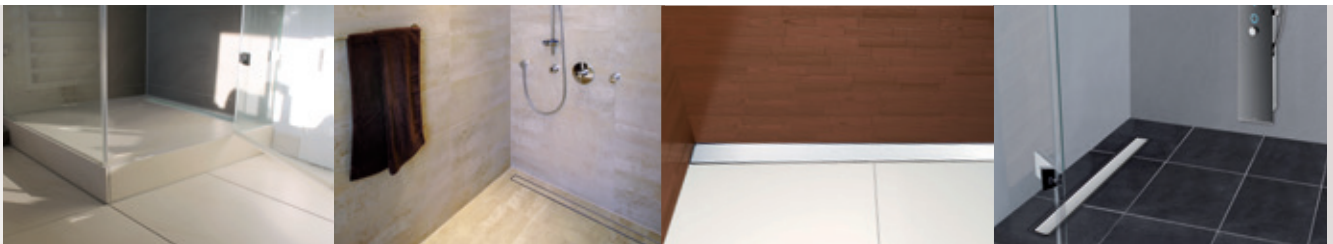
Examples: Drain grates



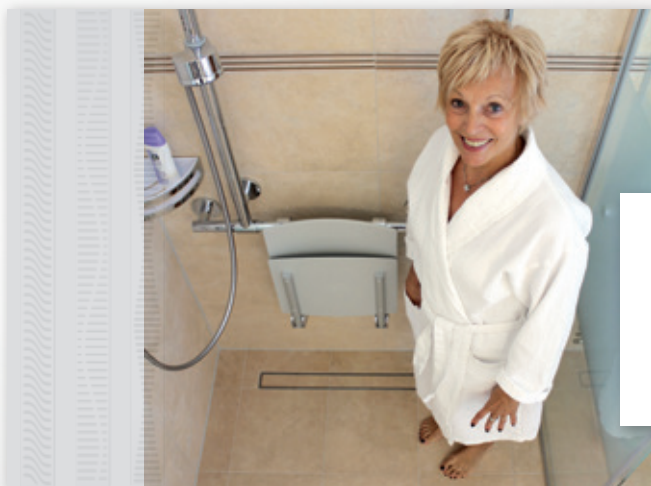
Whether punctiform drain or trough, the design possibilities of a floor-level shower with a continuous tiled surface are varied and adapt to any life style. The integrated slope towards the drain ensures a fast drain of the shower water.

Suitable flooring includes ceramic, natural stone, mosaic or similar surface materials. The drain grate frame can be easily adapted.

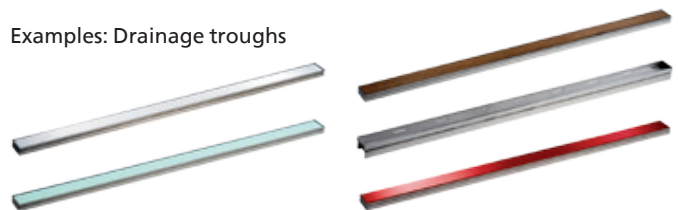
Alternatively there is a wide range of shower elements with finished surfaces. The exquisite options in surface materials, various design grids and freely selectable formats enlarge the design space enormously. Consummate features and exceptional design create a totally new shower experience. The answer to the increased expectations and needs to use the bathroom as a wellness centre.



# PLANOLINE



Examples: Drainage troughs



Shower elements with finished surfaces are available in a wide selection of high quality materials.

Whether it be skin-friendly, scratch-resistant ceramic surfaces in a wide colour spectrum *Planotech shower elements* or pore-deep cast mineral surface, optional anti-slip, in any desired RAL colour *Planolife shower element*, as well as elements with

luxury finishes of natural stone in four different marble and six different granite options

*Elegance shower elements* and with surfaces of the favoured natural material wood with special sealing in four different laying patterns *Nature shower elements* leave no wishes unfulfilled.

# PLANO X

Floor-level shower elements with tileable or finished surfaces

In hotels and spas

Especially facilities where safety with body care is a top priority can hardly do without the floor-level shower elements. Due to the wide range and variable size design, you can justify any given interior layout.

Also, from a hygienic point of view, the system is unparalleled because the cleaning of shower facilities is so much easier and efficient.

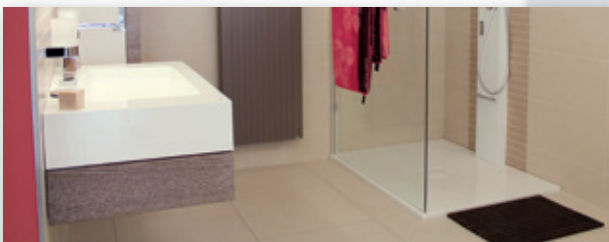
## HOSPITAL & NURSING HOME



Even high stresses such as a wheelchair on the shower floor are not an issue for floor-level shower systems. A slice of independence and freedom for the elderly and disabled and also a visually appealing design, so that nothing stands in the way of recovering.

While practicality and functionality are in the foreground in the hospital, the emphasis is primarily on exclusivity and design in the hotel industry. However, easy cleaning and safety are also essential issues. Then, when the design and ambience agrees in addition and guests feel comfortable, because the bathroom is a wellness centre, you have made the right choice.

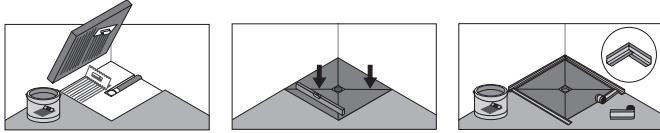
# HOTELS & SPAS



Due to the variety of design options, the look of the bathroom area can be easily adapted to any ambience. Whether classic, modern or innovative, any bathroom can be customised with our products.

# PLANO X

Floor-level shower elements with tileable or finished surfaces

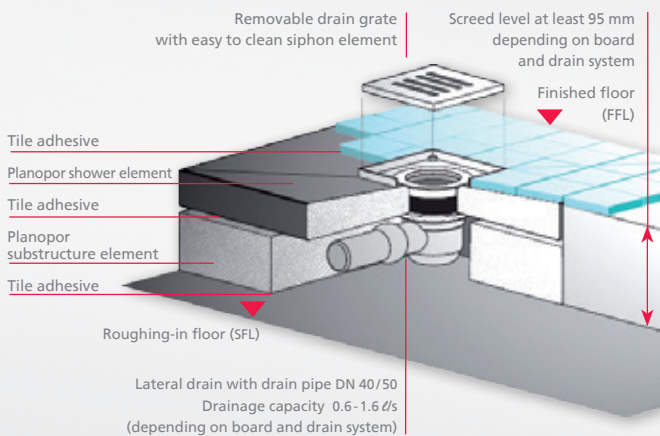


The waterproof shower element is flush-mounted in the screed, glued, sealed and tiled at floor level.

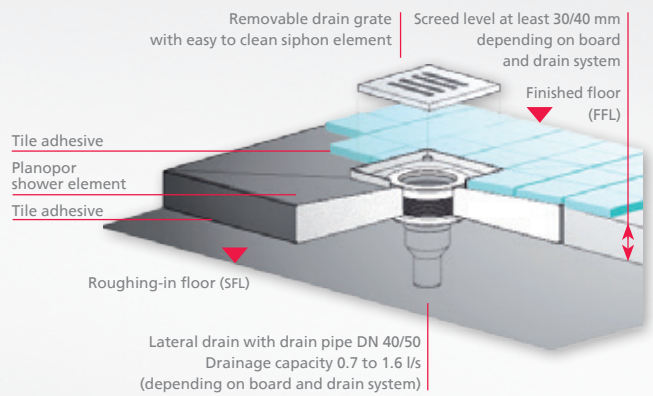
## Planopor Facts and figures:

The Planopor standard range includes a series of popular shower formats and sizes, adapted to the size of standard shower partitions. In addition, with Planopor, individual shower areas can also be integrated precisely in niches, on projections and even in quirky floor cracks. For Burda, executing special requests quickly and reliably is not an exception, but routine business. Talk to your installer or your wholesale dealer and fulfil your dream floor-level tiled shower in your next bathroom in your desired sizes.

### Planopor Horizontal drain



### Planopor Vertical drain

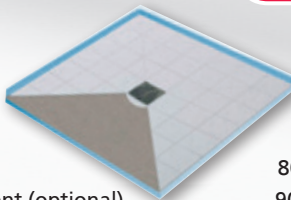


### Planopor shower elements Square

**DRAINAGE CAPACITY**  
0.6 – 1.6 l/s

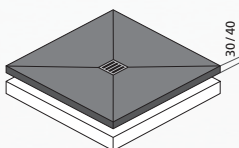
Scope of delivery:

- Shower element
- Floor drain  
DIN EN 1253
- Substructure element (optional)
- Standard drain grate



- 800 mm x 800 mm
- 900 mm x 900 mm
- 1000 mm x 1000 mm
- 1200 mm x 1200 mm
- 1300 mm x 1300 mm
- 1400 mm x 1400 mm
- 1500 mm x 1500 mm

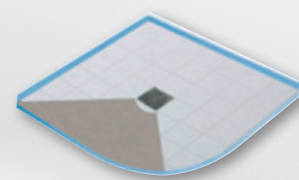
Suitable for popular shower partitions



### Planopor shower elements Quadrant (Standard: r = 550 mm)

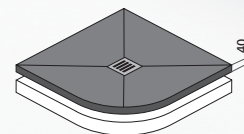
Scope of delivery:

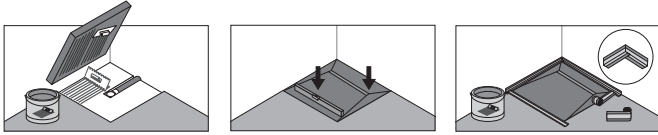
- Shower element
- Floor drain  
DIN EN 1253
- Substructure element (optional)
- Standard drain grate



- 900 mm x 900 mm
- 1000 mm x 1000 mm

Suitable for popular shower partitions



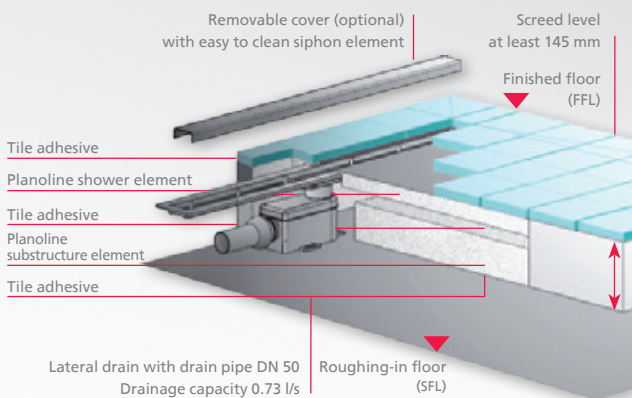


The waterproof shower element is flush-mounted in the screed, glued, sealed and tiled at floor level.

### Planoline Facts and figures:

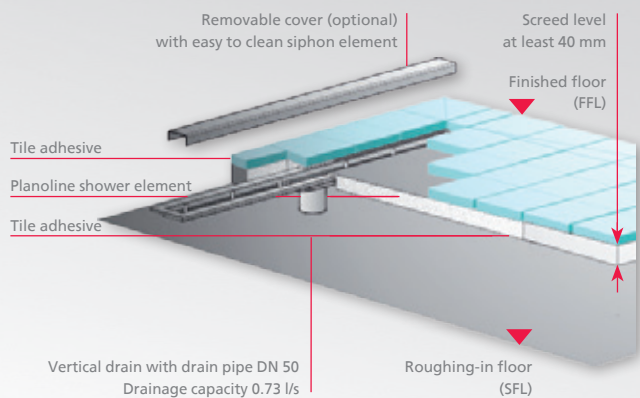
Planoline shower elements are provided with ceramic covering and can be used wherever barrier-free construction is required according to building regulations, such as in nursing homes, homes for the disabled and so on, and also where the comfort and aesthetics of modern building are desired. This is an extruded polystyrene foam core with fibreglass fabric, reinforced special mortar coating and alternative sealing with an integrated slope of about 2%.

### Planoline Horizontal drain



### Planoline Vertical drain

not for use in fire protected areas

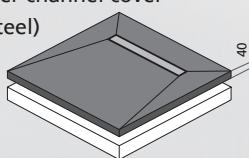
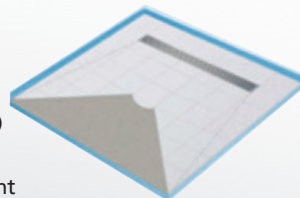


### Planoline shower elements Square with shower channel

**DRAINAGE CAPACITY**  
0.73 l/s

#### Scope of delivery:

- Integrated shower element (d=40 mm)
- Floor drain DN 50
- Level compensation element (optional)
- With shower channel cover (stainless steel)



Channel length 300 mm 700 mm

800 mm x 800 mm

Channel length: 800 mm

900 mm x 900 mm

Channel length: 900 mm

1000 mm x 1000 mm

Channel length: 1100 mm

1200 mm x 1200 mm

1300 mm x 1300 mm

Horizontal or  
vertical drain

#### Note for barrier-free construction:

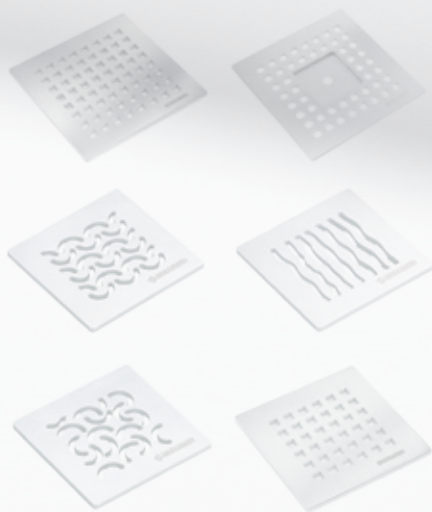
- Motion profiles must be installed in the transition area (shower element/room screed).
- Permanently elastic joints must be created in the connection area of the motion profile and around the outlet frame.
- For wheelchair use, the tiles must have a minimum size of 5 x 5 cm. (for Planoline)

#### Available in the accessories:

- The complete assembly materials such as sealants and sealing tapes for interior and exterior corners
- Levelling elements for height adjustment of the substructure to the on-site screed level
- High-quality designer grates made of solid, polished V4A stainless steel
- Frame tops for the floor drain (when using thicker tiles or a natural stone facing)

# PLANO X

BasicBoard – Intelligent solutions for floor-level shower areas





# PLANOBASIC

## **The shower tray substructure element**

Planopor Basic Board enables the quick and easy construction of floor-level shower areas. Low installation height, even slope of about 2% to the floor drain and immediately tileable with ceramic or other alternative floor facing, facilitates quick and easy mounting without rises and edges. Four standard shapes and 22 standard sizes and the possibility of special fabrication allow almost limitless scope for individual planning. The Planopor Basic Board is sealed at the factory optionally.

In addition to the standard drain system, you can request for a solution for comfort or fire protection. They offer the option of height and lateral adjustment of the grate.

Planopor Basic Board fulfils the requirements of DIN 18040.

## **Floor level and immediately tileable**

A factory-mounted screedconnection with grooving simplifies the screed connection.

Alternatively, the floor connection can be made with the Planopor flooring board NF. The substructure block Planopor Substructure element is recommended for quick height compensation.

Time-saving and clean without soaking the substructure. Due to the special coating on both sides, the Planopor Basic Board is prepared for the immediate fitting of ceramic or other floor coverings.

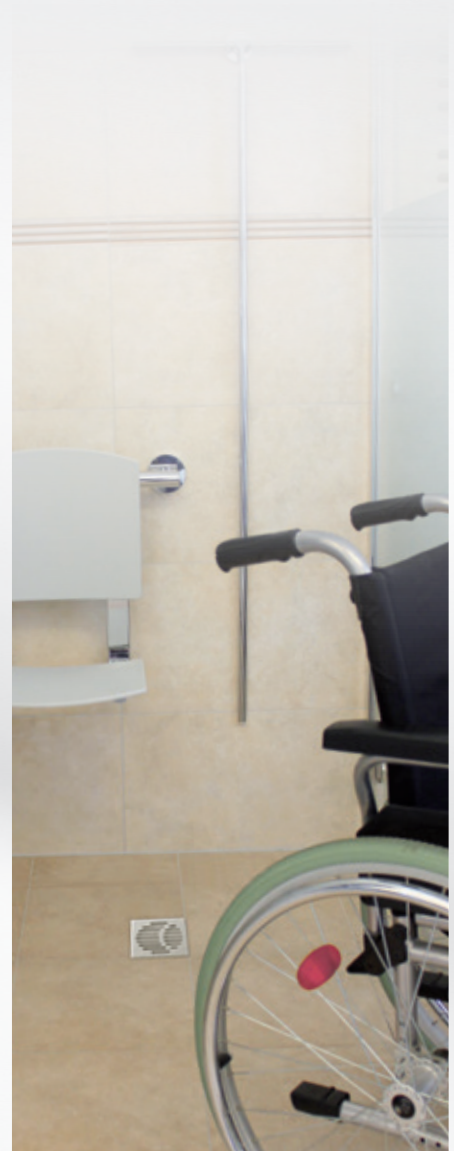
Optionally, the Planopor Basic Board (Sinus) is also available to fit moulded tiles. Perfect solution is provided by the standardised, factory-mounted flexible sealing tape to seal the wall terminal with a built-in 8 mm edge insulation strip, which reduces the sound transmission to the wall area.

# PLANO X

Basic Board – Intelligent solutions for floor-level shower areas

## Your advantages

- Barrier-free, as floor-level installation is possible
- Wheelchair access, ceramic covering at least 50 x 50 mm
- Secure standing by only 2% slope
- 22 standard sizes in the formats square, rectangle, pentagon, quadrant
- Optional impact sound insulation
- Alternatively sealed, absolutely leak proof
- Double-sided special coating for immediate fitting of ceramic or other floorings
- Grooving is used for optimal connection to wet screed or for further processing with the Planopor flooring board NF
- Special sizes and designs available on request
- Low installation height from 30 mm
- Sound insulation in wall connection area through standardised factory-fitted insulation strips
- Standardised factory-fitted sealing tape facilitates sealing in the wall area
- Integrated thermal insulation
- Simple, time-saving and clean installation



# PLANO BASIC

## Floor drain standard (according to DIN EN 1253)

The drain is insulated at the factory. A horizontal or vertical design can be chosen for the outlet (DN 50). The drain capacity in litres is 0.8 l/sec.

With the flat drainage, renovation of old buildings does not pose problems any more. With a water trap height of 50 mm, a drain capacity in litres of 0.8 l/sec is reached (DIN EN 1253)



## Fire protection

Floor drain ABS, drain DN 70 vertical (0.8 l/sec)



## Standard grate

Stainless steel grate 100 x 100 mm for laying tiles with straight joints.  
Optional other grate designs. Grates are rotated.  
Coloured surfaces on request.

## Tile thicknesses > 8 mm:

Other tile thicknesses pose no problem with our top frame.  
Extendable each time by 7 mm as you wish, you can reach any required usual height.



# PLANO X

Basic Board – Intelligent solutions for floor-level shower areas

**Material:**

Extruded polystyrene foam

**Drain system:**

ABS, DN 50, horizontal or vertical,  
 Drain top insulated at factory in  
 substructure element, 0.8 l/sec.  
 Top section with stainless steel  
 grate, rotatable. Grate size 100 x  
 100 mm,  
 Five different designs are possible

**Sound insulation:**

Insulation strips 8 mm,  
 standardised at the factory  
 Special coating on both sides,  
 immediately tileable, mounted on  
 the sides adjacent to the wall

**Wall sealing tape:**

Flexible wall sealing strip for  
 incorporation in the tape sealing,  
 factory-standardised  
 mounting on the sides adjacent to  
 the wall (on request)

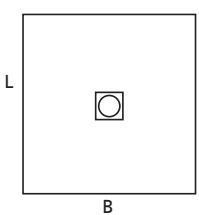
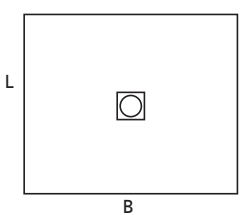
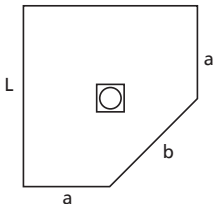
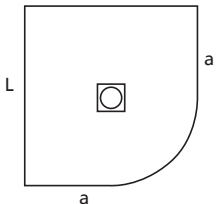
**Impact sound insulation:**

Rubber granules 10 mm, applied  
 at the factory, improvement value  
 22 dB (on request)

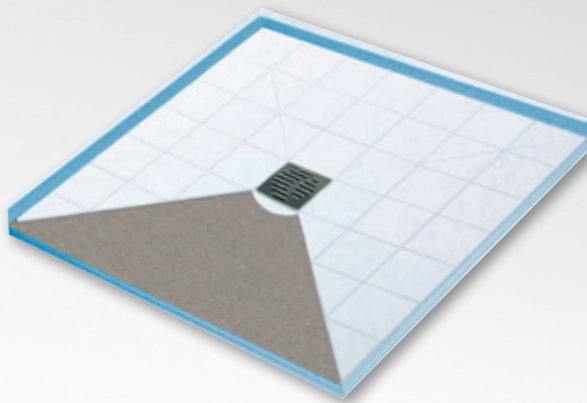
**Special shapes:**

Planopor Basic Board can also  
 be prepared to fit moulded tiles.  
 Special fabrications done on  
 request

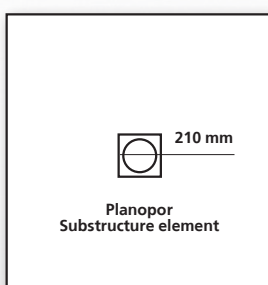
**Design**

|  |  |  |  |
|--|--|--|--|
| <p><b>Square</b></p>    | <p>Size in mm (L x W x H)</p> <ul style="list-style-type: none"> <li>800 x 800 x 40</li> <li>900 x 900 x 40</li> <li>1000 x 1000 x 40</li> <li>1200 x 1200 x 40</li> <li>1500 x 1500 x 40</li> </ul> | <p><b>Rectangle</b></p>  | <p>Size in mm (L x W x H)</p> <ul style="list-style-type: none"> <li>900 x 750 x 40</li> <li>900 x 800 x 40</li> <li>1000 x 800 x 40</li> <li>1000 x 900 x 40</li> <li>1200 x 800 x 40</li> <li>1200 x 900 x 40</li> <li>1200 x 1008 x 40</li> </ul> |
| <p><b>Pentagon</b></p>  | <p>Size in mm (L x W x H)</p> <ul style="list-style-type: none"> <li>900 x 900 x 40</li> <li>1000 x 1000 x 40</li> </ul>   | <p><b>Quadrant</b></p>   | <p>Size in mm (L x W x H)</p> <ul style="list-style-type: none"> <li>900 x 900 x 40</li> <li>1000 x 1000 x 40</li> </ul> <p>Special dimensions on request up to<br/>             max. 2500 mm</p>  |

# PLANO BASIC



## Accessories



**Planopor Substructure element**  
Substructure block for height compensation under the Planobasic made of Styrofoam. Double-side special coating, with drain recess made at the factory. Available for all the above-mentioned sizes.  
Material thicknesses:  
20, 30, 40, 50, 60, 80 mm

**Planopor flooring board NF**  
For connecting Planopor Basic Board. Enables waterproof, dry construction of floors. Equipped with tongue and groove, a simple, fast and secure processing is guaranteed.  
Size (L x W x H):  
1250 x 600 x 40 mm, With impact sound insulation of 50 mm

# PLANOLIFE - X

Planolife – The shower tray system for all generations

## The floor-level shower system

With Planolife, rises and edges in the shower area belong to the past. Clear design, skin-friendly materials and a variety of shapes and colours facilitate the planning and technical design of shower areas in private households, spas, hotels, hospitals, rehabilitation centres and retirement homes as well as public baths.

Planolife fulfils the requirements of DIN 18040 with ease.



# PLANOLIFE

## The feeling of a level surface:



The barely perceptible slope angle of the shower tray of about 2% to the floor drain enables the Planolife to actually avoid rises and edges. Usual installation heights fall significantly short.

## Perfect solution:



A factory-mounted, flexible sealing tape on the shower tray can be optimally integrated in the wall sealing.

## Without silicone joints

The connection to the ceramic flooring requires no silicone joints, is hygienic and easy to clean.

Time-saving and clean without soaking the substructure.

# PLANNO-X

Planolife – The shower tray system for all generations

## Your advantages

- Barrier-free, as floor-level installation is possible
- Wheelchair access
- Secure standing by 2% slope angle
- Skin-friendly mineral material surface
- Optional impact sound insulation
- Optional anti-slip surface grip
- Easy to clean, as there are no rises and edges
- Low installation height of 33 mm
- Sound insulation in wall connection area by factory-mounted insulation strips
- Factory-mounted sealing tape facilitates the sealing in the wall area
- Horizontal and vertical floor drain (with optional fire protection)
- Fireproof
- Resistant to aggressive fluids
- Integrated thermal insulation
- Connection to ceramic flooring possible without silicone
- Simple, time-saving and clean installation





# PLANOLIFE

## Slip resistance

Planolife is safe to walk on even on a wet surface with the optional, particularly anti-slip surface grip (evaluation group B according to DIN 51097).



## RAL colours

The Planolife offers a variety of colours for a harmonious integration in the bathroom design. No more limits to your colour preference.



## Fire protection:

Optionally, the Planolife is also available with fire protection. Thereby, in the case of a fire, its spreading is hampered by the sewage pipes. This is absolutely necessary in public buildings.



# PLANO-X

Planolife – The shower tray system for all generations

## Surface:

Mineral casting  
Approved barefoot area A

## Drain system:

DN 50, horizontal and vertical,  
Drainage capacity 0.54 l/s  
Covering hood chrome or white

## Grip surface:

Slip-resistant surface according  
to the barefoot area class B (DIN  
51097), on customer request

## Colours:

White (matt),  
RAL colours on request

## Wall sealing tape:

Flexible wall sealing tape for  
incorporation in the wall sealing,  
standardised factory mounting on  
the sides adjacent to the wall

## Impact sound insulation

Rubber granules 10 mm, applied at  
the factory, improvement value  
22 dB (on customer request)

## Substrate:

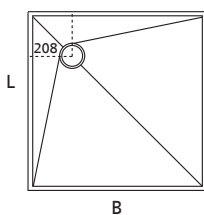
Extruded polystyrene foam.  
Double-side special coating,  
immediately tileable

## Fire protection:

with integrated fire protection  
device (on customer request)

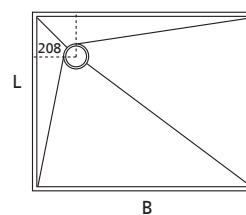
## Design

### Square



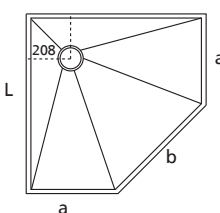
Size in mm (L x W x H)  
800 x 800 x 33  
900 x 900 x 33  
1000 x 1000 x 33  
1200 x 1200 x 33

### Rectangle



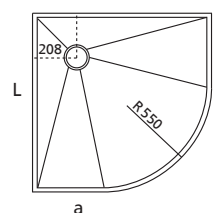
Size in mm (L x W x H)  
900 x 800 x 33  
1000 x 800 x 33  
1200 x 800 x 33

### Pentagon



Size in mm (L x W x H)  
900 x 900 x 33  
1000 x 1000 x 33

### Quadrant



Size in mm (L x W x H)  
900 x 900 x 33  
1000 x 1000 x 33

**Special sizes** on request

# PLANOLIFE

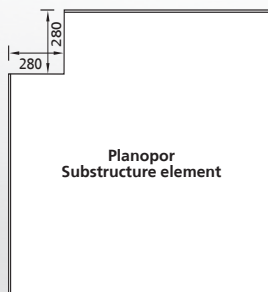
Planolife section without impact sound insulation



Planolife section with impact sound insulation



## Accessories



**Planopor Substructure element**  
Substructure block for height compensation under the Planolife made of Styrofoam. Special coating on both sides, with outlet recess provided at the factory.

Available for all the above-mentioned sizes.

Material thicknesses:  
20, 30, 40, 50, 60, 80 mm

# PLANO X

Planoline – For large format coverings with integrated slope

### Surface:

can be applied at the factory:  
Mineral casting, HighTec, Nature

### Drain system:

Channel made of stainless steel with odour trap, outlet DN 50 horizontal, 0.5 l/sec., insulated at the factory in the substructure element.

Grate sizes 800, 900, 1100, 1200 mm  
Grate design polished stainless steel.

### Material:

Extruded polystyrene hard foam special coating on both sides, immediately tileable

### Wall sealing:

Insulation strips 8 mm, optionally factory-mounted on the sides adjacent to the wall  
Flexible wall sealing strip for integration in the wall sealing, optionally integrated on the sides adjacent to the wall

### Impact sound insulation:

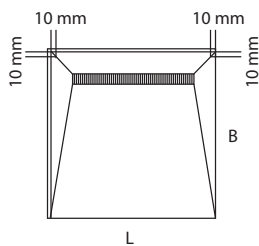
Optionally, rubber granules 10 mm, applied at the factory, improvement value about 22 dB

### Special shapes:

Other dimensions on request.  
Different position of the channel possible.  
Alternatively:  
5 grates to choose from (see illustration)

## Design

### Square

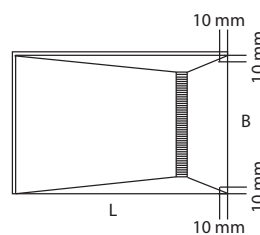


Dimensions in mm  
(L x W x H)

|                  |     |
|------------------|-----|
| 800 x 800 x 40   | 300 |
| 900 x 900 x 40   | 300 |
| 1000 x 1000 x 40 | 300 |
| 1200 x 1200 x 40 | 300 |

Grate size:

### Rectangle



Dimensions in mm  
(L x W x H)

|                 |     |
|-----------------|-----|
| 900 x 800 x 40  | 300 |
| 1000 x 800 x 40 | 300 |
| 1200 x 800 x 40 | 300 |
| 1200 x 900 x 40 | 300 |

Grate size:

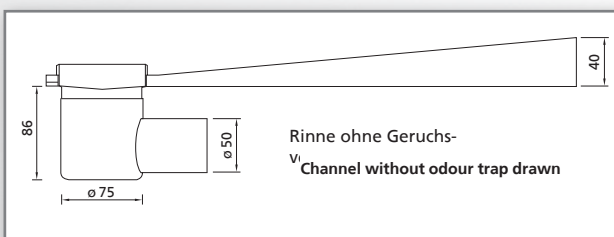
# PLANOLINE



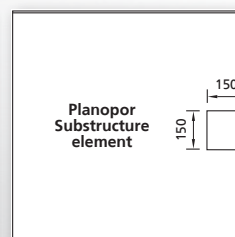
## Designer grates



## Planoline section



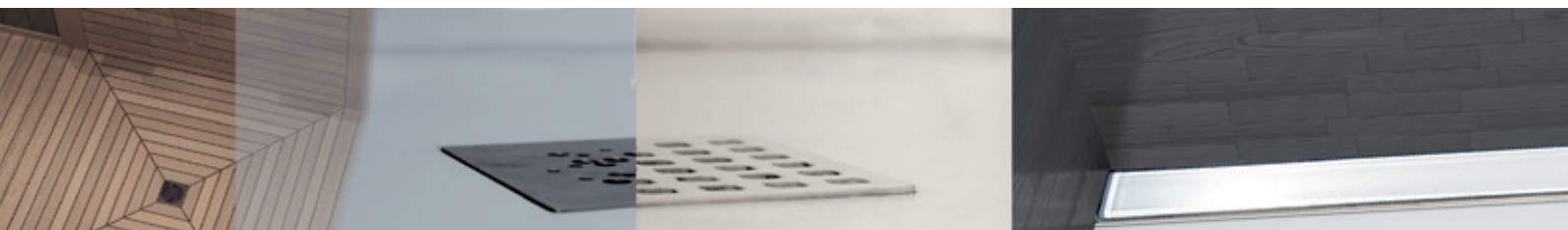
## Accessories



## Planopor Substructure element

Substructure block for height compensation under Planoline in Styrofoam. Special coating on both sides, with for all above-mentioned sizes.

Material thicknesses: 20, 30, 40, 50, 60 and 80 mm



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Sanitärtechnik

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