

## wedi *Solso*

- Barrier-free shower element for PVC coatings
- Ideal substructure for high pressure-point loads
- Waterproof installation of the PVC on the drain



### General Product Description

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A floor-level shower system specifically developed for PVC boards which are manufactured from a highly dense polystyrene hard foam board with a special mortar coating. Designed for or ideally suited for the wet areas in hospitals as well as in private and public care institutions.

### Areas of Application

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- Hospitals
- Private and public care institutions
- Shower areas with PVC surface

### Product Characteristics

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wedi Solso is the one and only shower-floor system for wet areas in hospitals as well as in private and public care institutions. It can easily take high pressure-point loads of up to 2.5 N/mm<sup>2</sup>, for example, exerted by wheelchairs or walking aids. It also offers the advantage that the entire system is far easier and faster to assemble than a classic design.

### Requirements in Relation to Substructure, Preparation

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Instructions on the preparation and substructure requirements are to be found in the installation instructions (see [www.wedi.eu](http://www.wedi.eu)).

## Technical Characteristics of the Foam

<b>Highly close polystyrene expanded plastic slab</b>	
Maximum recommended compressive strength under service load	2.50 N/mm <sup>2</sup>
Compressive strength at ≤ 2% long-term immersion in line with EN 13163	3.78 N/mm <sup>2</sup>
Compressive strength at 10% compressive strain in line with EN 13163	6.47 N/mm <sup>2</sup>
Thermal conductivity in line with EN 13164	0.05 W/mK
Bulk density in line with EN 1602	≥ 280 kg/m <sup>3</sup>
Temperature limits	-20°C / +70°C
Fire behaviour in line with DIN 13501-1	E
Gas emissions	None

## Technical Characteristics of wedi Solso

Plate thickness (outer dimension) up to a shower size of 1200 × 1200 mm	40 mm
Residual indentation following constant loading (with PVC covering) in line with DIN EN 433	≤ 0.10 mm
Suitable for wheelchair loading	Yes
Minimum installation depth for horizontal installation	130 mm
Minimum installation depth for vertical installation	40 mm
Surface slope (from outer edge of Solso building board to outer edge of drain opening)	18 mm = ≥ 3%
Frame for holding stainless steel grate (fixed in the element)	Ø 120 mm
Stainless steel grate	Ø 115 mm

## Delivery Form

1 box

## Storage

The wedi Solso should always be stored lying flat. It is to be protected against direct sunlight and moisture.

## Safety Information

The product contains hexabromocyclododecane as a flame retardant in a concentration > 0.1%. This substance is listed in annex XIV to the REACH Regulation (EC) No. 1907/2006.