

RESOPAL SPASTYLING® SHOWER ELEMENT

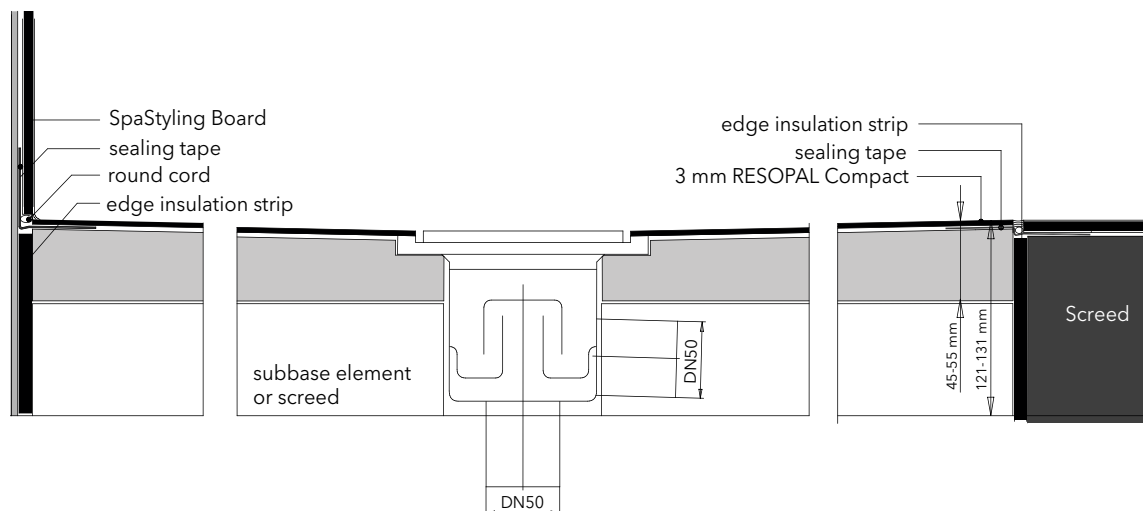
PRODUCT DATA SHEET

1. Material description and composition

For the purpose of integration into a room concept SpaStyling Shower Elements are available in the same design as the SpaStyling Floor. SpaStyling Shower Elements consist of rigid expanded polystyrene (EPS) with a special one-sided waterproof layer and a 3 mm thick RESOPAL HPL plate with attached sealing sheet, which protrudes on all sides by 100 mm. This is designed to ensure a dampness-proof seal with wall and floor. SpaStyling Shower Elements are available with integrated floor drainage that is centred or not (DN 50) and a factory-made sealed run-off surface, which is covered with a RESOPAL SpaStyling grid consisting of RESOPAL Compact with same design and surface.



Sectional drawing: RESOPAL SpaStyling® Shower Element



2. Technical data

2.1 Technical properties of rigid polystyrene foam

| Property | Test method / Norm | Unit | Value |
|--|--------------------|-------------------|---------------|
| Compressive stress or strength at 10 % compression | DIN EN 826 | N/mm ² | ≥ 0,80 |
| Reaction to fire building material class | DIN 4102 | | B2 |
| Reaction to fire Euro classes | EN 13501-1 | | E |
| Ambient temperature | | °C | -10 bis +75 |
| Tensile strength Relative elasticity modulus | DIN EN 1607 | N/mm ² | 0,50 12,00 |

2.2 Technical properties of RESOPAL SpaStyling® Shower Elements with accessories

| Property | Test method / Norm | Unit | Value |
|---|------------------------|----------------------------------|---|
| Toleranzen: - Length and breadth - Thickness - Flatness (edges) - Squareness - Edge straightness | | mm mm mm/m mm/m mm/m | ± 3,0 ± 2,0 ≤ 3,0 ≤ 1,5 ≤ 1,0 |
| Minimum structure height for 45 mm thickness of element - horizontal drainage, DN 50 - vertical drainage, DN 50 | | mm | 121 50 |
| Drainage rate at 15 mm heel high | DIN EN 1253 | l/sec. l/min. | Spot horizontal 36 l / min vertical 60 l / min Rinne horizontal 28 l / min vertical 36 l / min |
| Gradient | | % | 1,5 - 2,5 |
| Drainage upper part with same design spot drainage | | mm | 145 x 100 |
| Drainage upper part with same design line drainage | | mm | 546 x 68 646 x 68 846 x 68 |
| Anti-slip effect Texture FN | DIN 51130 DIN 51097 | Evaluation group | R 10 A |
| Weight at dimensions 1000 x 1000 x 45 mm | | kg | 11 |

3. Recommended use of RESOPAL SpaStyling® Shower Elements

With decorative, functional properties SpaStyling Shower Elements are designed for indoor use in wet zones (shower, bath, washbasin, WC etc.) and living areas. SpaStyling Shower Elements are recommended only for use in indoor areas with normal ambient conditions (18-25°C / 50-65% relative humidity).

4. Storage and transportation

It is not necessary to make special arrangements either for storage or for transportation. SpaStyling Shower Elements must be stored horizontal and flat on an even and sufficiently large underlay such as a pallet in a closed warehouse under normal climatic ambient conditions (18 - 25°C and 50 - 65% relative humidity). Additionally SpaStyling Shower Elements must be protected against dirt, damp and mechanical damage. During storage SpaStyling Shower Elements should not have weight placed on them.

SpaStyling Shower Elements must be transported horizontal and flat on an even and sufficiently large underlay such as a pallet and be secured against slipping. Additionally SpaStyling Shower Elements must be protected against dirt, damp and mechanical damage. During transportation SpaStyling Shower Elements should not have weight placed on them.

Transportation provisions do not class SpaStyling Shower Elements as dangerous goods, so markings are not necessary. The packaging should be removed immediately by before the installation. If necessary, palletized goods must be repackaged after taking individual items.

5. Dimensions

SpaStyling Shower Elements are available in 16 standard patterns in 3 standard shapes (square, quadrant and rectangular). Upon request we can custom-make orders up to maximum dimensions 2000 x 1200 mm.

6. Fabrication

Information on fabrication of SpaStyling Shower Elements can be found in the fabrication details for RESOPAL SpaStyling.

All the information contained in this product data sheet is based on the latest technological know-how, but does not constitute a guarantee. Indeed we assume no guarantee of suitability for specific areas or purposes of application.