



Areas of use

For complete waterproofing in swimming pools with ceramic covering, the Signapool S1 sheet is watertight and covered with a special textile that enables direct mosaic adhesion. Suitable for all regular surfaces used in construction designed for finishing with a **ceramic covering**. Resistant to acids, other chemical substances, and microorganisms.

The sheet sticks to entire surfaces when suitable using Signapool flexcol S adhesive. Ceramic flooring and slabs can be laid directly onto the Signapool S1 sheet, without requiring intermediate layers. It is ideal for new build or refurbished swimming pools with a ceramic covering.

Surfaces

Surfaces should be sufficiently resistant, clean, flat, and suitable for fitting a ceramic covering. Isolated cracks do not pose a problem when using the product.

Note

It is possible to fit the wall tiles or mosaic immediately after sticking the sheet. For the floor, wait until the cement glue under the sheet has dried. Otherwise, movement on the floor could cause uneven areas.

Fit the mosaic or ceramic tiles onto the Signapool S1 waterproofing sheet in accordance with the sector's technical standards. The procedure involves generously applying the cement glue with a toothed trowel and immediately setting the tiles in the fresh grout

Product profile

Signapool S1 is a certified and approved product for load-bearing classes, A1, A2, and C. This certification includes the qualification for the load-bearing class specified in the ZDB data sheet.

- waterproofing, flexibility, crack sealing
- decouples the structure from the ceramic tiles
- resistant to bases, acids, and other chemical substances, as well as microorganisms
- easy and safe to apply
- ABP certification for load-bearing classes A1, A2, and C
- product certified in accordance with the following standards:

DIN 500143-23/50-2: Temperature resistance:
50°C -> 120 °C

DIN 16726: Waterproofing test for pressurised synthetic materials

EN ISO 527: Determination of tensile properties

EN 13484: Resistance to alkaline solutions

EN 1931: Water vapour permeability

- Product certified (compression) in accordance with the standards:

EN 13967/B

Fire class E EN 13501-1

Technical characteristics

Colour.....blue
 Thickness.....approx. 0.5 mm
 Weight.....approx. 250 g/m²
 Application temperature/
 surface temperature.....+5 °C - +30 °C
 Water penetration resistance test:
 2.5 bars approved
 Width 100 cm
 Length..... 30m

Packaging:

Rolls 30m²