

PRODUCT DATA SHEET

SikaSeal[®]-75

Two-part hard-setting mastic

PRODUCT DESCRIPTION

SikaSeal[®]-75 is a two-part, hard-setting mastic that cures to form a durable, pick and chemical-resistant seal, engineered to withstand minor extension movements and substantial compression. This combination of strength and flexibility makes it well suited for challenging environments where durability and reliability are essential.

USES

- Ideal for cells, holding areas and secure perimeters requiring vandal resistant joints.
- Perimeter securing of cell windows, doors and sanitaryware.

- Swimming pools.
- Compression joints in shower rooms and areas where long-term immersion in water is likely.

CHARACTERISTICS / ADVANTAGES

- Excellent impact, wear and chemical resistance.
- Complies with UK prison safety and security specifications.
- Smooth, glossy finish.
- Suitable for permanent water immersion.

PRODUCT INFORMATION

Packaging	1.5 kg (total when components A + B are mixed)
Colour	White
Shelf Life	30 months from date of manufacture when stored as directed.
Storage Conditions	Store in cool, dry conditions between +5 °C and +25 °C. Storage outside these parameters will dramatically reduce shelf life.
Density	1.5 g/cm ³

TECHNICAL INFORMATION

Shore D Hardness	60-70
Compressive Strength	50 N/mm ²
Tensile Strength	ca. 15 N/mm ²
Chemical Resistance	Resistant to most alkalis and dilute acids, petrol and diesel. Resistant to most cleaning chemicals used in swimming pools. Neat hypochlorite crystals should not be applied to the product.
Service Temperature	-20 °C to +80 °C

APPLICATION INFORMATION

Consumption	Joint Size (mm)	Linear Metres /1.5 kg
	6 x 6	27
	9 x 6	19
	10 x 10	10
	12 x 9	9
	20 x 10	5
Ambient Air Temperature	+5 to +40 °C	
Substrate Temperature	+5 to +40 °C	
Pot Life	30 minutes @ 20 °C	
Curing Time	24 hours @ 20 °C	

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LIMITATIONS

Not recommended for structural joints.
Not recommended for expansion joints.
On application, surface bubbles may appear in joints during the curing process. Should this occur, re-tool joints after 30—60 minutes to reduce effect.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Ensure surfaces are free from flaking material, dust, rust and grease. Degrease if necessary. During use, **always** wear impervious gloves and read safety warnings.

MIXING

Always add the complete contents of the Part B tin into Part A. Mix using a paddle mixer until homogeneous, approximately 2-3 minutes.

APPLICATION METHOD / TOOLS

Once mixed, place the follower plate provided over the top of tin containing the mixed material. Cut off tip of cartridge and place over the hole in centre of follower plate and apply even downward pressure, thus filling the cartridge. Insert plunger into cartridge and apply using suitable sealant gun. Refill when empty.

CLEANING OF TOOLS

Clean tools etc with xylene.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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