

PRODUCT DATA SHEET

Sikalastic® Rapid-722 Detail

2-component, fast-curing and solvent-free PMMA based waterproofing resing for use on details

DESCRIPTION

Sikalastic® Rapid-722 Detail is a two-component, fast-curing polymethyl methacrylate reaction resin. Sikalastic® KAT powder is used as the hardening powder. After hardening, Sikalastic® Rapid-722 Detail forms a seamless, permanent and weather-resistant detail seal.

USES

Sikalastic® Rapid-722 Detail may only be used by experienced professionals.

- Sealing of details
- Sealing of vertical connection areas
- Suitable for new constructions and refurbishment projects
- To be processed with the Sikalastic® Rapid Vlies-110 system fleece insert

CHARACTERISTICS / ADVANTAGES

- Special formulation for connection work and details
- Fast-curing, also at low temperatures
- Solvent-free
- UV, hydrolysis and alkali resistant
- Crack-bridging up to 2 mm
- Underflow-proof
- GISCODE RMA10

APPROVALS / CERTIFICATES

- European Technical Approval (ETAG 005)
NO. **ETA-19/0242**
 - Service life W3
 - Climate zone M-S
 - Roof pitch S1-S4
 - Roof load P1-P4
 - surface temp. low TL4 (-30 °C)
 - surface temp. high TH4 (+90 °C)
- Declaration of performance No.: 20504887
- Fire behaviour according to DIN EN 13501-1: Class E
- Proof of hard roofing: general building inspection test certificate is available

PRODUCT INFORMATION

Composition	2-component, highly flexible polymethyl methacrylate (PMMA)
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Packaging	Sikalastic® Rapid-722 Detail	5 kg/10 kg containers
	Sikalastic® Rapid KATpowder:	100 g plastic bag

For use in the substrate temperature range between +3°C and +10°C, additional Sikalastic® Rapid KAT powder must be used. Data concerning the mixing ratio can be found in the Sikalastic® Rapid KAT powder product data sheet.

Colour	telegrey (similar to RAL 7047) slate gray (similar to RAL 7015) light gray (similar to RAL 7035)
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Shelf life	12 months from the date of production. Expiry date is labelled on the
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product.

Storage conditions	Store Sikalastic® Rapid-722 Detail in undamaged and unopened original container in a cool, dry and frost-free place. Protect from direct sunlight, rain and snow.		
Density	1,21 g/cm ³		
Water-vapour transmission rate	μ= 4.330		(EN 1931)
System structure	System Sikalastic® Rapid-722 Detail	Structure Sikalastic® Rapid-722 Detail + Sikalastic® Rapid Vlies- 110	Dry film thickness min. 2,1 mm (at 2,5 kg/m ²)

APPLICATION INFORMATION

Mixing ratio	The containers must be divided for detailed use. We recommend using a scale for this.			
	Substrate tem- perature in °C:	+3 to +10	+15 to +35	+40 to +50
	Dosage of Sikalastic® KAT- powder in %:	4 %	2 %	1 %
	Quantity for 1 kg of resin:	40 g	20 g	10 g
	With changing weather conditions on site or different amounts of catalyst used, the reaction times are shortened or lengthened accordingly.			
Ambient air temperature	min. -5 °C, max. +35 °C			
Relative air humidity	≤ 90%			
Substrate temperature	min. +3 °C, max. +50 °C			
Dew point	During application and curing, the substrate temperature must be at least 3 K above the dew point temperature. Protect against condensation.			
Substrate moisture content	The surface must be dry and free of ice.			
Pot Life	At underground temp. +20 ° C and addition of 2% Sikalastic® KAT powder.			
	processing time:	approx. 15 minutes (pot life)		
	Rain resistance after:	approx. 30 minutes		
	Further coatability after:	approx. 1 hour		
	Hardening after:	approx. 3 hours		

BASIS OF PRODUCT DATA

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

product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The prepared substrate must be dry, load-bearing and free of any substance that may reduce the adhesion; see the Sikalastic® Rapid-722 primer table for details.

MIXING

Stir Sikalastic® Rapid-722 Detail by machine before mixing. Then add the Sikalastic® Rapid KAT powder in the prescribed mixing ratio. To prevent the liquid from splashing or spilling over, mix the components for a short time at low speed using a continuously adjustable electric mixer. Then increase the stirring speed to a maximum of 300 rpm for intensive mixing. The mixing time is at least 5 minutes and is only finished when a homogeneous mixture is present and the hardener powder is completely digested. The bottom and edge of the container must also be included. In general, explosion-proof machines and devices are to be used.

APPLICATION

1. Prepare fleece cuttings according to the conditions of the area to be sealed.
2. Mixing only the required quantities of Sikalastic® Rapid-722 Detail.
3. Apply approx. 2/3 of the total consumption per m² with a roller or brush.
4. Laminate the Sikalastic® Rapid Vlies-110 wet on wet, free of bubbles and wrinkles into the fresh Sikalastic® Rapid-722 Detail. Fleece must be completely soaked and glued to the substrate over the entire surface. Fleece overlaps at least 5 cm.
5. Apply approx. 1/3 of the total consumption per m² with a roller or brush until the fleece structure is completely covered by the sealing resin.

CLEANING OF EQUIPMENT

Clean tools immediately after use with Sikalastic® Rapid Reiniger. Fully cured material can only be removed mechanically.

LOCAL RESTRICTIONS

The information in this product data sheet is valid for the product supplied by Sika Deutschland GmbH. Please note that information in other countries may differ. Please note the product data sheet valid abroad.

LEGAL NOTES

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