

PRODUCT DATA SHEET

Sikalastic® Rapid Fibre Reinforced Compound

Two component, fast-reactive, fibre-filled PMMA reinforcement compound

PRODUCT DESCRIPTION

Sikalastic® Rapid Fibre Reinforced Compound is a fast-reactive and flexible product used to sealing minor penetrations, e.g. screws. The penetrations can be waterproofed and incorporated into the waterproofing system.

USES

- Reinforcement for overcoatings small penetrations and other areas where movement may be present.

CHARACTERISTICS / ADVANTAGES

- Ideal for small and complex detailing
- Cold applied
- Fast-curing, Highly flexible and crack-bridging
- Easy and fast application
- Can be applied at sub-zero temperatures
- Solvent-free
- Seamless membrane
- Minimal disruption and low maintenance
- Elastic properties – tolerant of thermal movement
- Flexible, impact resistant membrane

PRODUCT INFORMATION

Chemical Base	Two-component Polymethylmethacrylate (PMMA) Resin and catalyst	
Packaging	Sikalastic® Rapid Fibre Reinforced Compound	10 kg
	Sikalastic® Rapid Catalyst	0.2 kg
	total	10.2 kg
Colour	RAL 7032	
Shelf Life	12 months	
Storage Conditions	Store products sealed in their original airtight container and in a cool, dry and frost-free place. Direct sunlight on the containers should be avoided, including on site. After removing some of the contents, reseal the containers so they are airtight. Storage Conditions. Reference should also be made to the storage recommendations of the material safety datasheet.	
Density	1.22 g/cm ³	(EN ISO 2811-1)
Ambient Air Temperature	-5°C min / + 35°C max	
Relative Air Humidity	The relative humidity must be ≤90%	
Dew Point	Beware of condensation. Surface temperature during application and cure	

must be a minimum of 3°C above dew point. The substrate temperature must not be less than +3°C if a topping is applied to the surface. Reaction problems can occur at lower temperatures.

Substrate Temperature	+3°C min / + 50°C max				
Substrate Moisture Content	The surface to be coated must be dry and ice-free. The surface must be protected from moisture until the coating has hardened.				
Pot Life	The material in opened containers should be applied immediately. At 20°C, 2% catalyst the pot life is approximately 15 minutes				
Applied Product Ready for Use	Temperature	Catalyst	Rain Resistant	Can be trafficked/overcoated	Full cure
	20°C	2%	30 minutes	45 minutes	3 hours
Note: Times are approximate and will be affected by changing ambient conditions. Higher temperatures or greater proportions of Sikalastic® Rapid Catalyst will reduce reaction times, while lower temperatures and smaller proportions of Catalyst will increase reaction times. The following table indicates the recommended amount of Sikalastic® Rapid Catalyst required to adjust the curing reaction to the temperature. Substrate temperature in °C; required amounts of Sikalastic® Rapid Catalyst in %					
	-10	-5	+3	5	10
	-	-	4%	4%	4%
	15	20	25	30	35
	2%	2%	2%	2%	2%
	40	45	50	-	-
	1%	1%	1%	-	-
Return-to-service times are provided as a guide only and may vary as a result of conditions. Newly installed balconies should be protected from exposure to heavy traffic by overlaying with an appropriate protective covering. This is particularly critical where early access is needed by other construction related traffic. Sika Liquid Plastics will not be held responsible for damage to balcony surfaces that results from failures to adequately protect newly laid areas. For further advice, consult Sika Liquid Plastics Technical Customer Services					

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.

ECOLOGY, HEALTH AND SAFETY

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 or by written recom-

mendations, 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.

