

PRODUCT DATA SHEET

Casco[®] SuperFix+ Mini

Strong moisture curing assembly mastic with sealing properties and excellent adhesion to most materials.

DESCRIPTION

Strong moisture curing assembly mastic with sealing properties and excellent adhesion to most materials. Do not work on Polyethylene, Polypropylene, Teflon and other greasy plastics.

USES

Excellent adhesion to most materials as metal, wood, glass, plaster, ceramic tiles, floor and wall materials.

FEATURES

- Indoor and outdoor use
- High thixotropic and easy to apply
- Tough joint and high strength
- Excellent chemical resistant
- Very high ageing properties and temperature resistance
- Excellent chemical resistant
- No shrinkage and extremely good joint filling properties

PRODUCT INFORMATION

Composition	SMP			
Packaging	Article number	Color	Package	EAN-code
	784000	White	40 ml tube on blistercard	7612655005052
Shelf life	18 months in unopen package			
Storage conditions	Room temperature between +10°C - +25°C			
Colour	White			
Density	~1.600 kg/m ³			
Consistency	Gun-grade thixotropic paste			

TECHNICAL INFORMATION

Shore A hardness	~55	DIN 53505
Tensile strain at break	A	(Standard)
Elongation at break	>350%	DIN 53504
Shear adhesion strength	1,8 N/mm ² , 4 mm/joint dimention	DIN 53283
Tear strength	>2 N/mm	DIN 53515

APPLICATION INFORMATION

Ambient air temperature	Application temperature +5°C to +35°C
Curing rate	4-6 mm/24 hours (at 23°C and 50% rf)
Skinning time	5-8 minutes (at 23°C and 50% rf)

BASIS OF PRODUCT DATA

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 OF USE

Casco® SuperFix+ Mini is moisture curing. The access of moisture to the adhesive to be cured is essential. Cold and dry surroundings will slower the cure significantly. When gluing watertight surfaces, moisture access must be secured. A combination of watertight surfaces and dry conditions can give an unacceptable slow cure. Adhesion problems can also occur as a result of lack of moisture. If cure time is important, always pre-test the design under the worst conditions anticipated. Over painting works well with many paint products. Pretesting of drying and adhesion of the paint is always recommended. The adhesive is elastic and can flex a little over the joint. This will lead to cracking of most types of paint. If Casco® SuperFix+ Mini is used as a sealant, these cracks can in worst case cause cracking of the joint. Do not use Casco® SuperFix+ Mini on bituminous substrates, natural rubber, EPDM rubber or on any building materials which might bleed oils, plasticizers or solvents that could attack the sealant. Casco® SuperFix+ Mini doesn't bond Polyethylene (PE), Polypropylene (PP), Polytetrafluoroethylene (PTFE) Te-flon and other greasy plastics. Before using Casco® SuperFix+ Mini on natural stone, do a pre-testing. Do not expose uncured Casco® SuperFix+ Mini to alcohol containing products as they may interfere with the curing reaction.

FURTHER INFORMATION

Resistant to fresh, salt and lime water, water-soluble cleaning agents, weak acids and bases and ordinary sewage. Temporarily resistant to propellants, mineral oils, vegetable and animal fats and oils. Not or briefly resistant to organic solvents, concentrated bases and mineral acids, lacquers and paint thinners, bitumen and asphalt and alcohol.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

Casco® SuperFix+ Mini is applied in a V-shaped* string. Lay the adhesive strands so that air moisture has access. During the curing process, it generally applies that all load-bearing adhesive joints are not loaded with more than 10% of the planned load. Elastic bonding works with glue thicknesses of 1-5 mm. Adjust adhesive thickness according to what the bonding will be exposed to: pull, shear, split stress and temperature. Remove any masking tape within 15 minutes.

SUBSTRATE PREPARATION

The joint interface must be clean, dry and free from oils, loose aggregates and other contaminants. A thorough wire brushing, grinding or solvent cleaning may be required to expose clean, sound surfaces. ATTENTION! White spirit must not be used for cleaning before gluing. For best application properties, the material should be kept at room temperature.

CLEANING OF EQUIPMENT

Remove all excess sealant adjacent to joint and on equipment prior to cure with Casco® Brutal Wipes, White spirit or technical ethanol is used if necessary. Cured adhesive is removed mechanically. On skin, uncured sealant is wiped off with Casco® Brutal Wipes, wash your hands afterwards.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

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LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Casco 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 or on the website www.casco.eu.

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