

PRODUCT DATA SHEET

Casco® MultiTech Mini

Moisture curing medium to high modulus elastic sealant and a tough adhesive

DESCRIPTION

Paintable general outdoor adhesive and sealant.
1-component, solvent-free, paintable joint sealant and outdoor adhesive with a wide adhesion spectrum.

USES

Especially intended for outdoor and indoor use in boats, cars, caravans and in houses.

FEATURES

- Paintable with most paints
- Excellent weatherability properties
- Absorbs acoustical and mechanical vibrations
- Excellent adhesion to most materials without primer
- Excellent tooling characteristics
- Environmentally favourable with regard to working and indoor environment as well as waste handling and life

PRODUCT INFORMATION

Composition	MS-polymer	
Packaging	40 ml tube in blistercard	
Colour	Black and White	
Shelf life	18 months from the date of production in unopened package.	
Storage conditions	Stored in dry conditions, protected from direct sunlight and at temperatures between +10°C and +25°C.	
Density	~1.500 kg/m ³	
Shore A hardness	~25%	(DIN 53505)
Tensile strength	> 2	(DIN 53515)
Tensile strain at break	> 300%	(DIN 53504)
Shear strength	1,8 N/mm ² 4 mm/thick	(DIN 53283)
Shrinkage	0%	(DIN 52451)
Service temperature	-40°C to +90°C, temporary 120°C (8 hours)	
Ambient air temperature	+5°C to +35°C	
Curing rate	2 mm/24 hours (at +23°C and 50% rf)	
Skinning time	~10 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® MultiTech Mini has no or poor adhesion to polyethylene, polypropylene, silicone, Teflon and some plasticized plastics. When gluing, the adhesive surface must always be protected against UV radiation.

Preliminary tests should be carried out at overpainting.

SPECIFICATION INFORMATION

Chemical resistance:

Resistant to fresh, salt and lime water, water soluble cleaning agents, weak acids and bases as well as ordinary sewage.

Temporarily resistant to propellants, mineral oils, vegetable and animal fats and oils

No or short term 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

For best application properties, the material should be kept at room temperature.

Apply the glue 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 at sealant thicknesses of 1-5 mm. Adjust sealant thickness according to what the adhesive will be exposed to: pull, shear, patch stresses and temperature.

Remove any masking tape within 15 minutes.

SUBSTRATE PREPARATION

The substrate must be clean, dry, sound and homogeneous, free from oils, grease, dust and loose or friable particles. Paint, cement laitance and other poorly adhering contaminants must be removed.

CLEANING OF EQUIPMENT

Clean all tools and application equipment immediately after use with white spirit. Hardened material can only be removed mechanically.

ATTENTION! White spirit must not be used for cleaning before gluing.

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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