Intended use

Sprayable, moisture-curing, one-component polyurethane adhesive and sealant to seal and to bond materials like metals, timber, plastic and mineral raw materials (concrete, stone, and so on) used in vehicle and container construction, shipbuilding, apparatus engineering, sanitary installations, air conditioning, refrigerating and lighting technology. It's furthermore suitable to fix body parts (spoiler, trim strips, sheet metal parts, and so on), to seal wheel houses and weld seams.

Properties:

excellent adhesion
UV-resistant
odourless curing (moisture-curing)
highly viscous, very good vertical stability
overcoatable
resistant to water, wastewater, salt water, weak acids and bases, aqueous cleaning agents
short-term resistant to organic solvents, concentrated acids and concentrated bases

Specification :

specific weight: approx. 1,26 g/cm³
consistency: paste-like
skinning: approx. 20 min at 23 °C / 50 % relative humidity
curing: approx. 3.6 mm / 24 h (23 °C / 50 % relative humidity)
shore A hardness: approx. 58 DIN 53505
elongation at break: > 250 % DIN 53504
tensile strength: approx. 2.3 N/mm² DIN 53504
tensile shear strength: 1.8 N/mm²
temperature resistance: -40 °C up to + 100 °C, short-term up to 120 °C

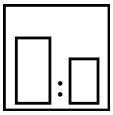
Spreading rate: --

Processing instructions



Colour

grey, black, white



Mixing ratio

Hardener	by weight (lacquer : hardener)	by volume (lacquer : hardener)
--	--	--



Hardener

for complete paintwork	for partial paintwork
--	--



Pot life

--



Thinner

--

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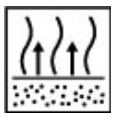
Spray viscosity

gravity spray gun	Airmix/Airless
--	--



Application mode

Application mode	Hardener	pressure (bar)	nozzle (mm)	spray passes	dilution (%)
caulking gun	--	--	--	--	--
pneumatic caulking gun	--	--	--	--	--



Flash-off time

--

Dry coat thickness

--



Drying time

object temperature	dust dry	set to touch	ready for assembly	sandable	recoatable
--	--	--	--	--	--

Note

Storage: At least 1 year in unopened original container.

VOC Regulation: --

Processing conditions: From +5 °C and up to max. +40 °C.

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Processing instructions:

Suitable substrates:

Aluminium, steel, zinced metal surfaces, wood, stone, concrete, hard PVC, GRP, and painted surfaces must not be pre-treated.

The substrate must be clean, dry and free from grease.

Check adhesion and required resistance on a test object.

Silicon, polyethylene, polypropylene, PTFE (Teflon) can't be coated.

Overcoatable with 1K and 2K paints after prior testing. Exception:

Apply alkyd resin paints only after an overnight drying, as these may affect the drying process.

Do not recoat with bituminous materials.

During drying, avoid contact with alcohols or other solvents.

It is recommended not to coat even overpaintable joint sealant because of the risk of movement-related cracks.

Only for professional user.

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