

Description:

epple 30 is a solvent-containing sealing compound on the basis of copolymers.

It remains elastic in the sealing joint and provides a high ductile content, so that even vibration or expansion due to temperature will be balanced.

Field of application:

Sealing of surfaces

epple 30 is suitable for the sealing of ventilation- and air conditioning ducts.

It is used for the waterproofing of filter elements, as well as for the sealing of joints in varnishing- and spray booths. Also spot-welded steel plate constructions, seamed laminations or crushes in sheet metal channels can be sealed with this product.

Specific properties:

epple 30 is silicone-free.

Application / Surface:

- The surfaces of the assembly components have to be clean and free from dust and grease.
- The skin formation time at ambient is 10 - 15 minutes.

Cleaning of tools:

Thinner 12

Packaging unit:

Cartridge

Basis / characteristics

Components		Solvent-			Chemical Basis					
1C	2C	free	containing	aqueous	EP	PU	Acrylate	Chloro- prene	Polyvinyl- acetate	Copolymer

Properties of the liquid sealing compound

Property	Value	In accordance with standard
Viscosity	130 – 190 Pas	DIN EN ISO 3219
Density	1.3 – 1.5 g/cm ³ / 20 °C	DIN 53479
Colour	grey	
Solid content	75 – 85 %	
Storage	24 months in closed original containers, stored in a dry and cool but frost-free place. Ideal storage temperature: 5 – 30 °C.	

Diese Druckschrift soll Sie beraten. Die darin gemachten Angaben entsprechen unserem besten Wissen, jedoch kann eine Verbindlichkeit daraus nicht hergeleitet werden.

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Properties of the cured sealing compound

Property	Value	In accordance with standard
Curing Ventilation time Skin formation time Curing / track 4-6 mm	none 10 – 15 min 6 h / 20 °C	
Curing conditions / Contact pressure	>5 °C / no contact pressure required, just fixing	
Hardness (after 7 days at 20 °C) Shore-A Shore-D	- -	DIN 53505 DIN 53505
Adhesive strength in tensile shear test (after 7 days at 20 °C) Steel / Steel (blasted SA 2,5)	0.2 – 0.5 N/mm ²	DIN EN 1465
Surface cleavability (after curing)	none	
Temperature resistance (after 7 days at 20 °C)	-25 °C to +200 °C (slow heating recommended)	
Chemical resistance (after 7 days; max. 3 months)	ammonia vapours caustic soda 5 % acetic acid 5 % ethanol water saline solutions 10 %	epple-standard

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