

**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. The solvents in the product evaporate particularly fast.

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 of 15 minutes.

Cleaning of tools:

Thinner epple 12.

Packaging unit:

Cartridge.

Basis / characteristics				
solvent-containing	aqueous	solvent-free	curing	duroplastic

Properties of the liquid sealing compound		
Property	Standard	Value
Viscosity	DIN EN ISO 3219	140 Pas
Density	DIN 53479	1,39 g/cm ³
Colour		grey
Solid content		80 %
Storage	24 months in closed original containers, stored in a dry and cool place (ideal storage temperature: 5 - 30 °C).	

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Properties of the cured sealing compound		
Property	Standard	Value
Curing ventilation time skin formation time curing / track of 5 mm	-	none 10 min 6 h
Curing conditions / contact pressure	-	> 5 °C no contact pressure required, just fixing
Hardness Shore-A Shore-D elasticity	DIN 53505 DIN 53505	- - elastic
Tensile test strength elongation	epple-standard (acc. to DIN EN ISO 527)	3,0 N 20 %
Adhesive strength in the shear tension test wood / wood steel / steel (blasted SA2,5) PA 6 / PA 6	DIN EN 1465	- 0,3 N/mm ² - -
Adhesive strength in the peel test 180 °	DIN EN 1464	-
Surface cleavability	-	none
Temperature resistance	-	- 30 °C to + 200 °C
Thermal conductivity	ISO 8894-1	-
Absorption of water 20 °C / 7 days 20 °C / 30 days 100 °C / 30 minutes	ISO 62	- - -
Chemical resistance	epple-standard	ammonia vapours, ethyl alcohol, acetic acid 5 %, caustic soda 5 %, saline solutions, water.

01/07

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

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