



Sealing compounds // Adhesives // Cast resins

Technical Data Sheet epple 30

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	according to 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).	



Properties of the cured sealing compound		
Property	according to 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.

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

This data sheet is for your information. The data supplied are according to the best of our knowledge and no liability can be inferred from them.



AB Åkesson & Blomquist

Tel: 060-61 11 25

Mail: info@absab.com

www.absab.com