epple 28

Description:

epple 28 is an one-component, 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. epple 28 does not bond at the contact areas, so that it can be removed without the input of solvents or mechanical processing. A wide spectrum of materials is therefore suited as assembly part.

Field of application:

Sealing of surfaces and joints.

epple 28 is suitable for the sealing of surfaces and joints, which are subject to being dismantled consistently. It is mainly used for the sealing of dome areas on storage tanks for fuel and other oils, but also for the waterproofing of subaqueous pumps and various purification devices.

Specific properties:

epple 28 is silicone-free and can be peeled off from the sealing faces after curing.

Application / surface:

- The surfaces of the assembly components have to be clean and free from dust and grease.
- If possible, stir-up the sealing compound before use.
- The skin formation time at ambient is of 15 minutes.

Cleaning of tools:

Thinner epple 13.

Packaging unit:

Metal-tin, brush-in-cap can.

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

Properties of the liquid sealing compound		
Property	**Standard**	**Value**
Viscosity	DIN EN ISO 3219	22 Pas
Density	DIN 53479	1,10 g/cm³
Colour		blue
Solid content		60 %
Storage	24 months in closed original containers, stored in a dry and cool but frost-free place (ideal storage temperature: 5 - 30 ℃).	

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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 15 min 10 h
Curing conditions / contact pressure	-	> 5 °C no con tact pressure required, just fixing
Hardness Shore-A Shore-D elasticity	 DIN 53505 DIN 53505	 - - tough-elastic
Tensile test strength elongation	epple-standard (acc. to DIN EN ISO 527)	 7,0 N 250 %
Adhesive strength in the shear tension test wood / wood steel / steel (blasted SA2,5) PA 6 / PA 6	DIN EN 1465	- 0,7 N/mm² 0,5 N/mm² -
Adhesive strength in the peel test 180 °	DIN EN 1464	-
Surface cleavability	-	none
Temperature resistance	-	- 30 °C to + 150 °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	water (cold), detergent leach, ammonia 25 %, caustic soda 5%, ethanol, butanol, anhydrous glycol, anhydrous glycerine, spirits of turpentine, fuel compound, fuel oil, mineral oil.

01/07