Technical Data Sheet
Sealant epple 28 T / thixotropiert

Stand: 04-2021

Description:

epple 28 T / thixotropiert 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 T / thixotropiert** 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.
Thanks to its high viscosity, **epple 28 T / thixotropiert** can also be applied to vertical surfaces.

Field of application:

Sealing of surfaces and joints.

epple 28 T / thixotropiert 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 T / thixotropiert 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.
- The skin formation time at ambient is 15 – 30 minutes.

Cleaning of tools:

Thinner 11

Packaging unit:

Cartridge

Basis / characteristics

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

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Properties of the liquid sealing compound		
Property	**Value**	**In accordance with standard**
Viscosity	80 – 120 Pas	DIN EN ISO 3219
Density	1.0 – 1.2 g/cm³ / 20 °C	DIN 53479
Colour	blue	
Solid content	59 – 62 %	
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 15 – 30 min 12 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)	 -	 DIN EN 1465
Surface cleavability (after curing)	none	
Temperature resistance (after 7 days at 20 °C)	-25 °C to +150 °C	
Chemical resistance (after 7 days; max. 3 months)	ammonia 25 % caustic soda 5% ethanol butanol anhydrous glycol anhydrous glycerine petrol fuel oil mineral oil water (cold) detergent leach	epple-standard

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