

Description:

epple 35 is an one-component, solvent-free sealing compound on the basis of silicate.

It provides excellent temperature resistance to up to 800 °C. This sealant is stable, hence it can also be applied in vertical tracks.

epple 35 is not subject to labelling requirements.

Field of application:

Sealing of joints

epple 35 becomes tough and abrasion resistance after curing and is particularly suitable for the jointing of stones in ovens and chimneys. The sealant is not capable to absorb vibrations or deformations of the assembly parts.

Specific properties:

epple 35 is silicone-free and does not contain any halogen compounds.

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 15 – 30 minutes.

Cleaning of tools:

Water

Packaging unit:

Metal-tin

Basis / characteristics

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

Properties of the liquid sealing compound

Property	Value	In accordance with standard
Viscosity	20 – 30 Pas	DIN EN ISO 3219
Density	1.9 – 2.1 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 15 – 30 min 20 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 +800 °C	
Chemical resistance (after 7 days; max. 3 months)	ammonia vapours acetone ethyl acetate fuel mineral oils >120 °C grease not resistant against water	epple-standard

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