Technical Data Sheet
Adhesive epple 5752

Issue: 04-2021

Description:

epple 5752 is a two-component adhesive on the basis of polyurethane. It can be reactivated in solvent-free condition at 80 °C.

Application:

epple 5752 forms a tear-resistant and elastic film. It is therefore applied where an impact resistant adhesive is required and where the building components will be strained by peeling. **epple 5752** is particularly appropriate for the bonding of PVC.

Specific properties:

epple 5752 can be applied by means of common batchers.

Application / Surface:

- The surface has to be clean and free from dust and grease.
- Decant component B into the tin of component A. Mix the two components thoroughly and homogeneously. Eventually, fill over the mixture into another, clean container and stir the material again.
- The assembly components need to be fixed appropriately until tangibility is reached.

Cleaning of tools:

Thinner 11

Packaging:

Tin, bottle, pail

Basis / Characteristics

Components		Solvent-			Chemical Basis					
1-comp.	**2-comp.**	free	**containing**	aqueous	EP	**PU**	Acrylate	Chloro-prene	Polyvinyl-acetate	Terpoly-mer

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Properties of the liquid adhesive			
Property	**Component A**	**Component B**	**Following to standard**
Viscosity	7 – 9 Pas	1 – 3 Pas	DIN EN ISO 3219
Viscosity of mixture	2 – 5 Pas		DIN EN ISO 3219
Density	1.0 – 1.2 g/cm³ / 20 °C	1.1 – 1.2 g/cm³ / 20 °C	DIN 53479
Mixing rate	95 parts by weight 95 parts by volume	5 parts by weight 5 parts by volume	gravimetric volumetric
Colour of mixture	light grey		-
Loss on drying up to 140 °C	61 – 66 %		
Pot life	24 h		DIN VDE 0291-2
Storage	12 months in closed original containers, stored in a dry and cool but frost-free place. Ideal storage temperature: 5 – 30 °C. Please stir-up before use.		

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 adhesive

Property	Value	Following to standard
Curing Ventilation time Time to handling strength Time to final strength	 none 1 h 3 d	-
Curing conditions / Contact pressure	> 5 °C no contact pressure required, just fixing	-
Hardness (after 7 days at 20 °C) Shore-A Shore-D Pendulum hardness / König	 - - -	 DIN 53505 DIN 53505 DIN 53157
Adhesive strength in the tensile shear test (after 7 days at 20 °C) Steel / steel (blasted SA 2,5)	 6 – 7 N/mm²	 DIN EN 1465
Surface adhesion	none	-
Temperature resistance (after 7 days at 20 °C)	 -25 °C to +100 °C	-
Absorption of water 20 °C / 7 days	 -	 ISO 62
Chemical resistance (after 7 days; max. 3 months)	water alkaline diluted acids oils ATF fuels grease bore- and cutting oils	epple-standard

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