

**Description:**

epple 22 is an one-component, solvent-containing sealing compound on the basis of copolymers. It is particularly suitable where great demands on film resistance and adhesion are given. Thanks to its low viscosity even difficult waterproofings are possible, as epple 22 easily penetrates also into narrow crevices. After evaporation of the solvents, epple 22 forms a tough-elastic film in the sealing joint with high ageing resistance.

Field of application:

Sealing of surfaces.

The sealing compound epple 22 is mainly used for the sealing of flanges at gears, for transformers, pumps of most different types, as well as for compressors and turbines.

Specific properties:

epple 22 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 of 15 minutes.

Cleaning of tools:

Thinner epple 11.

Packaging unit:

Tube, 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	9 Pas
Density	DIN 53479	0,93 g/cm ³
Colour		red-transparent
Solid content		39 %
Storage	24 months in closed original containers, stored in a dry and cool place (ideal storage temperature: 5 - 30 °C).	

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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 8 h
Curing conditions / contact pressure	-	> 5 °C no contact pressure required, just fixing
Hardness Shore-A Shore-D elasticity	DIN 53505 DIN 53505	- - hard-elastic
Tensile test strength elongation	epple-standard (acc. to DIN EN ISO 527)	4,0 N 600 %
Adhesive strength in the shear tension test wood / wood steel / steel (blasted SA2,5) PA 6 / PA 6	DIN EN 1465	- 2,1 N/mm ² 0,3 N/mm ² 0,4 N/mm ²
Adhesive strength in the peel test 180 °	DIN EN 1464	-
Surface cleavability	-	none
Temperature resistance	-	- 30 °C to + 250 °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, butyl alcohol, glycerine, glycol, fuel oil, mineral oils, perchloroethylene, pure spirits of turpentine, water,