

DESCRIPTION

The PERMACOL 5134 A/B is a polyurethane adhesives which can be applied for bonding, repair and filling materials such as: various plastics, concrete, wood, metal, Polystyrene and polyurethane.

These adhesives cure at room temperature, so full cure takes place at 20°C.

Technical details	
Mixing ratio	A : B = 100 : 20 (weight)
Viscosity	80.000 mPa.s (D=30/s 23°C)
Pot life	45 min at 20°C
Curing time	30 min at 70°C
	1 hr at 06°C
	2 hrs at 50°C
	4 hrs at 40°C
	24 hrs at 20°C
48 hrs at 5°C	
Colour mixture	Brown
Density	1.40 g/cm ³
Temperature resistance	-30°C up to +110°C
Application quantity	800-1200 g/m ²

USAGE INSTRUCTIONS

Make sure the substrates are clean and free from dust, water, grease, fingerprints, oil, etc. Weigh the components according to the mixing ratio and mix until a homogeneous colour is reached. When mixed, the adhesive can then be applied to the substrates.

CLEANING

Uncured adhesive can be removed and cleaned by means of solvents as Ethanol, Acetone, Isopropanol (IPA) or MEK. Cured adhesives must be removed mechanically.

BENEFITS

- Seawater resistant
- Very low shrinkage
- Solvent free
- Resistant to temperature fluxes
- Resistant to oil, grease and acids

Shear Strengths	
Hard PVC	80 kg/cm ²
PMMA	82 kg/cm ²
Polystyrene	20 kg/cm ²
ABS	45 kg/cm ²
Nylon (PA)	30 kg/cm ²
Polycarbonate	36 kg/cm ²
POM	28 kg/cm ²
PTFE	10 kg/cm ²
Wood	50 kg/cm ²
Aluminium	70 kg/cm ²
Steel	72 kg/cm ²

STORAGE

Store in its original packaging frost free and dry, preferably between 10°C and 20°C. See packaging for the expiration date. Shelf life: 12 months.

SAFETY

Use protective gloves to avoid direct contact with the skin. Check the Material Safety Data Sheet for specific safety information.

As from 24 August 2023 adequate training is required before industrial or professional use.

PACKAGING

The Permacol 5134 A/B is available in different kinds of cans.

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