

DESCRIPTION

The PERMACOL 5138 A/B is a thick, pourable, universal 2-component construction adhesives which is solvent free. This adhesive can be used for various plastics, rubber, concrete, wood, metal, polystyrene foam and polyurethane foam.

The product is water resistant and can absorb temperature fluctuations well.

Technical details	
Mixing ratio	A : B = 100 : 20 (weight)
Pot life	60 min at 20°C
Work temperature	15-20°C
Press time	4 hrs at 20°C
	16 hrs at 5°C
Curing time	48 hrs at 5°C
	24 hrs at 20°C
	4 hrs at 40°C
	2 hrs at 50°C
	1 hrs at 60°C
	30 min at 70°C
Viscosity mixture	12.500 mPa.s
Colour	Brown/grey
Density	1.5 g/cm ³
Temperature resistance	-30°C up to +110°C
Application quantity	600-1000 g/m ²
Shear strength	
Hard PVC	80 kg/cm ²
PMMA	82 kg/cm ²
Polystyrene	20 kg/cm ²
ABS	45 kg/cm ²
Nylon	30 kg/cm ²
Polycarbonate	36 kg/cm ²
POM	28 kg/cm ²
Teflon	10 kg/cm ²
Wood	50 kg/cm ² (material breakage)
Aluminium	70 kg/cm ²
Steel	72 kg/cm ²

BENEFITS

- Water resistant
- In and outdoor application
- Solvent free
- Resistant to temperature fluctuations
- Resistant to oils, acids and bases

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 at least 3 minutes to a homogeneous mass. When mixed, the adhesive can then be applied to the substrates. After application, the substrates can be pressed together. Remove the excess adhesive.

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.

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 5138 A/B is available in different kinds of cans.

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