

744

Allbond Hybrid

1 - Description

744 Allbond Hybrid Adhesive is a hybrid polymer-based adhesive that cures with moisture and possesses superior bonding properties, meets the requirements of D4 class according to DIN EN 204.

2 - Properties & Features

- Transparent
- Water resistant
- Easy application, low viscosity
- High bond strength
- Very good heat stability
- Non-Bubbling
- Isocyanate, tin and solvent-free

3 - Fields of Application

Easily bonds wood, stone, metal, ceramic, foam, glass, concrete and much more.

4 - Product Information

Packacking	75 ml (bottle)
Shelf Life	9 months
Storage Conditions	Store in cool and dry conditions between +5°C and +30°C
Colour	Transparent

5 - Technical Data

Uncured Product	Method / Conditions	Value
Basis		AST Polymer
Curing Mechanism	Moisture Curing	
Density	ISO 1183-1	1,08±0,02 g/ml
Skin Formation Time	Internal (23 °C and 50% R.H)	60±10 min.
Viscosity	Spindle 04, 50 rpm (20°C)	1350±250 cps
Cured Product		
Shore D hardness		40±5
Lap-shear Strength	23°C, 24 hours	>80 kg/cm ²
	7 days	>100 kg/cm ²
	Boiling water at 6 hours	>35 kg/cm ²
Service temperature	(Ambient and surface)	Between -30°C and +100°C
Application temperature	(Ambient and surface)	Between +5°C and +35°C

6 - Directions for Use

Do not use at temperatures below +5 °C. The elements to be bonded must be properly clean and free from dust and grease. One of the substrates must be porous to ensure better curing. Apply the adhesive one or both surfaces and join the parts within 20 minutes. Press the elements together at least for 2-3 hours. Uncured adhesive can be cleaned by acetone.

7 - Remarks & Restrictions

- Store in a closed original package in a dry place between +5 °C and +35 °C.
- Pressing time depends on ambience conditions (temperature, humidity etc.) and porosity of the surfaces to be bonded.

8 - Safety

Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Store in a well-ventilated place. Keep cool. Check SDS guidelines for disposal and further information concerning safety.

9 - Disclaimer

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