



WOOD MAX TRANSPARENT POWER

EXTRA STRONG, TRANSPARENT, WATERPROOF, FILLING SMP WOOD CONSTRUCTION ADHESIVE



PRODUCT DESCRIPTION

Extremely strong, transparent, waterproof, di-isocyanate free and filling wood construction adhesive based on SMP-Polymer.

FIELD OF APPLICATION

For waterproof (D4) (surface) transparent bonding of practically all types of wood as well as bonding practically all types of wood to many building materials, such as gypsum, (natural) stone, (cellular) concrete, metal, hard foam and various synthetics. Suitable for non-load bearing wooden structures using various wood joints such as mortise and tenon joints, dowels and springs. Suitable for interior and exterior applications, such as façade carpentry and sandwich panels. Very suitable for less-fitting joints (for example, unplanned wood). Ideal for both vertical and horizontal applications.

D4: Interiors where flowing water or condensation are present over long periods on a regular basis. Exteriors exposed to the influences of the weather, providing effective protection for bonded wood.


Not suitable for PE (polyethylene), PP (polypropylene) and PTFE

PROPERTIES

- Transparent
- Extremely high final bond strength (110 kg/cm²)
- Waterproof (D4)
- PU & Solvent free
- Good filling capacity (up to 2 mm)
- Can be scraped immediately
- Permanently flexible
- Paintable
- All-weather resistant
- UV resistant

- Thixotropic
- Good standing power; does not drip

CERTIFICATES & STANDARDS

Certificates	
	KOMO: Adhesives for non-bearing applications. Certificate 32394 based on BRL 2339 (EN 204: D4 Class, Watt '91).
Standards	
EN 204 D4	EN 204: Classification of thermoplastic wood adhesives for non-structural applications: D4

PREPARATION

Working Conditions: The ambient temperature, the adhesive and the materials to be bonded should not be less than +5°C. Wood humidity must preferably be between 10% and 18% (max. 25%).

Surface Requirements: Degrease oily types of wood with Griffon Cleaner. Roughen non-porous materials.

Tools: Sealant gun, fine-toothed adhesive spreader (1 mm), brush, roller, clamp.

APPLICATION

Directions for use:

Apply the adhesive evenly directly from cartridge on both sides (for the best result) with a sealant gun. Where needed spread further with sealant gun, glue spreader, brush or roller. Ensure adequate layer thickness. Assemble joint within 30 minutes and fixate for at least 3 hours. No pressing. If clamped, use a limited pressure to avoid too much adhesive to be pushed out of the bond.

Stains/residue: Remove wet adhesive residue immediately. Dry adhesive residue can only be removed mechanically.

Our advice is based on extensive research and practical experience. However, in view of the large variety of materials and the conditions under which our products are applied, we assume no responsibility for the results obtained and/or any damage caused by the use of the product. Nevertheless, our Service Department is always at your disposal for any advice needed.



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TECHNICAL SPECIFICATIONS

Chemical base:	SMP Polymer
Chemicals resistance:	Good
Colour:	Translucent
Cure rate:	1.6 mm/24h
Density approx.:	1,132 g/cm ³
Elasticity:	Moderate
Filling capacity:	Good
Final bond strength:	1100 N/cm ²
Final bond strength after:	24 hours
Hardness (Shore A):	90
Initial bond strength:	100 N/cm ²
Minimum temperature resistance:	-20 °C
Maximum temperature resistance:	120 °C
Moisture resistance:	Very good
Paintability:	Very good
Shear strength:	1100 N/cm ²
Skinover time:	45 minutes
Solid matter approx.:	100 %
UV resistance:	Good
Viscosity:	Thixotropic
Water resistance:	Very good
Wood glue classification:	D4

STORAGE CONDITIONS

Shelf life: At least 12 months after production.

Store in properly sealed packaging in a dry place at between +5°C and +25°C.

Limited shelf life after opening.

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