WOOD MAX®

WOOD CONSTRUCTION ADHESIVE BASED ON UNIQUE SMP TECHNOLOGY.



PRODUCT DESCRIPTION

Wood Construction adhesive based on unique SMP technology; waterproof (D4 standard) and stronger than wood. For joining of wood to wood and to almost all kinds of building material.

FIELD OF APPLICATION

To join almost all types of wood together and with many other materials, such as metal, stone, concrete and synthetics. Particularly suitable for demanding wood structures and connections (windows frames, doors, boats). Not suitable for PE (polyethylene), PP (polypropylene) and PTFE

PROPERTIES

· Innovative formula: patent pending
· Stronger than wood
· Waterproof – European Standard EN 204-205 D4
· 100% adhesive – no shrinkage or foaming
· Free of isocyanates – clean and safe use
· Bonds all materials – hard, soft, porous/non-porous
· Filling (max. 4 mm)
· UV resistant
Permanently flexible
· Paintable (test first)
· Temperature resistant from -40°C to + 120°C
· Colour: wood colour (beige).

QUALITY LABELS/STANDARDS

Standards: EN 204: Classification of thermoplastic wood adhesives for nonstructural applications. D4 class: Interior with frequent long-term exposure to running or condensed water. Exterior exposed to weather but with protection by an adequate surface coating.

PREPARATION

Working conditions: The ambient temperature, the adhesive and the materials to be bonded should be no less than +5°C. Relative humidity of up to 65%. Level of wood humidity between 10% and 18% (max. 25%.
Surface requirements: The surfaces to be bonded need to be clean, dry and free of dust. Moisten the side to which no adhesive has been applied with a damp cloth.
Tools: Sealant gun, fine-toothed glue spreader (1 mm), brush, roller, clamp or press.

APPLICATION

Coverage: 200 g/m^2
Directions for use:
Surfaces must be clean, dust- and grease-free. Apply adhesive thinly and directly from the cartridge on one side. If desired, spread evenly with a spatula, glue spreader or brush. Join parts within 30 minutes after applying adhesive. Press or hammer firmly and fixate for 6 hours. Fully cured after 24 hours, depending on the amount of applied adhesive, humidity, temperature and the material.
Stains/residue: Remove redundant adhesive immediately after applying.

CURE TIMES*

Final bonding strength after: approx. 24 hours. This might vary, based on circumstances, like temperature and humidity.

*** Curing time may vary depending on a.o. surface, product quantity used, humidity level and ambient temperature.**

TECHNICAL PROPERTIES

Moisture resistance: Very good
Water resistance: Very good
Temperature resistance: -40°C - +120°C
UV resistance: Good
Chemicals resistance: Good
Paintability: Very good
Elasticity: Nil
Filling capacity: Very good

TECHNICAL SPECIFICATIONS

Chemical base: SMP Polymer
Colour: Beige (mixture)
Viscosity: approx. Thixotropic
Solid matter: approx. 100 %
Density: approx. 1.34 g/cm^3
Initial bond strength: approx. 30 N/cm^2
Final bond strength: approx. 1100 N/cm^2
Shrinkage: approx. 0 %

STORAGE CONDITIONS

12 months Store in properly sealed packaging in a dry place at between +10°C and +20°C.

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.