

## Technical Data Sheet

Date of issue: 26.04.2021

Revision No: First release

MAY 600

# MAY 600 MONTAGE ADHESIVE

## 1 – DESCRIPTION

**MAY 600 MONTAGE ADHESIVE** a single component, fast curing polyurethane based adhesive. It combines high bond strength with fast curing. The water resistance property makes it exceptionally good at bonding wooden surfaces where water splash and moisture is an issue.

## 2 – PROPERTIES

- Fast curing, low press time.
- Transparent.
- Extremely high bond strength on wooden substrates.
- Thixotropic, non-sag, ideal for vertical joints.
- Low consumption, economical.
- Usable on slightly wet substrates.
- Very good resistance to chemicals.
- Excellent resistance to moisture and weather conditions.
- Good filling properties.
- Non-shrinking.
- Low odor.
- **D4 classification according to DIN EN 204.**
- **Tested according to DIN EN 14257 (WATT 91).**

## 3 - APPLICATION AREAS

- It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces.
- Bonding wooden surfaces at bathroom, kitchens, decks etc. where there is a constant moisture and water contact risk.
- It can be used for bonding various kinds of construction materials such as wood, MDF, concrete, metal, polystyrene and polyurethane foam, marble, granite and ceramic etc.

## 4 – INSTRUCTIONS

- The substrates must be dry clean, free of dust and grease.
- The application temperature should be between 5oC and 35oC.
- Moistening the substrates slightly will provide stronger adhesion.
- Adhesive should be applied to only one side in straight or wave-like form within 2 minutes.
- Mechanical fasteners must be used to keep the materials together (15-20 min.) until the adhesive cures totally.
- Fresh adhesive can be cleaned with acetone.

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### 5 – PACKAGING

Product	Content	Package
MAY 600 Montage Adhesive	300ml	24pcs

### 6 – STORAGE AND SHELF LIFE

- 12 months in unopened original packaging when stored between +5°C and +25°C.

### 7 – SAFETY

Contains Diphenylmethane-4,4 di-isocyanate. Corrosive and irritating to eyes, skin and lungs. Harmful if swallowed. Wear chemical resistant gloves and eye protection when in contact. Keep container tightly closed when not in use. Prevent spillages.

### 8 – RESTRICTIONS

- Storage above 35 °C may shorten the shelf life.
- Not suitable for polyethylene, polypropylene, nylon, ABS, PTFE.
- Should be tested before application for specific substrates.

### 9 – TECHNICAL PROPERTIES

\*Pressing time depends on ambience conditions (temperature, humidity etc.) and porosity of the surfaces to be bonded.

<b>Basis</b>	: Polyurethane prepolymer	
<b>Color</b>	: Transparent	
<b>Density</b>	: 1.13 ± 0.03 gr/ml	
<b>Tack-Free Time</b>	: 5 – 10 min. (at 23°C and %50 R.H.)	
<b>Consistency</b>	: Thixotropic	
<b>Consumption</b>	: Approx. 150 g/m <sup>2</sup>	
<b>Shrinkage</b>	: None	
<b>Pressing Time</b>	: 15 – 20 min.*	
<b>Temperature Resistance</b>	: -20°C to +80 °C	
<b>Application Temperature</b>	: +5 °C to +35 °C	
<b>Maximum Shear Strength (beech-beech)</b>		
<b>After 15 min</b>	: > 50 kgf/cm <sup>2</sup>	
<b>After 24 hours</b>	: > 100 kgf/cm <sup>2</sup>	
<b>After 7 days</b>	: ≈ 120 kgf/cm <sup>2</sup>	(DIN EN 205)
<b>After 7 days at 80 °C</b>	: ≈ 100 kgf/cm <sup>2</sup>	(WATT 91)

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This technical data sheet replaces all previous editions. All advices, figures and safety directives in this document are based on our careful research and last laboratory reports. Although, the document was compiled with the greatest care, because of a wide variety of different substrates and applications and possible different processing conditions **YOLDAS ENDUSTRI** does not accept responsibility for obtained results. Users need to ensure that the product is suitable for their application before use. Our general sales conditions apply. **YOLDAS ENDUSTRI** reserves all rights to modify the products without prior notice.



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