



## 510 NO NAIL MONTAGE ADHESIVE

### 1 – DESCRIPTION

**Akfix 510** is a single component, fast curing polyurethane based adhesive. It combines high bond strength with fast curing. It's used to bond almost all common building materials.

### 2 – PROPERTIES

- Fast curing
- Low press time
- Extremely high bond strength on numerous substrates.
- Thixotropic, non-sag, ideal for vertical joints.
- Low consumption, economical
- Good filling properties
- Easy to use
- Excellent resistance to moisture and weather conditions.
- Solvent-free
- Non-shrinking
- Usable in slightly wet substrates

### 3 - APPLICATIONS

It is suitable for use in construction and repair applications where a permanent strong bond is required between porous-porous and porous-nonporous surfaces. It can be used for bonding to 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. Moistening the substrates slightly will provide stronger adhesion. The application temperature must be between +5°C and +30°C. Moistening the substrates slightly will provide stronger adhesion. Montage 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.

### 5- PACKAGING

Product	Volume	Package
510	310 mL	12
510	50 mL	30



## 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'-Diisocyanate. Irritating to eyes and skin. Harmful if inhaled. Wear suitable protective gloves. Keep away from direct sunlight. Keep out of the reach of children.

## 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

<b>Basis</b>	<b>: Polyurethane prepolymer</b>
<b>Density</b>	: 1.30 ± 0.03 gr/ml
<b>Tack-Free Time</b>	: 5 – 10 min. (at 23°C and %50 R.H.)
<b>Consistency</b>	: Thixotropic
<b>Shrinkage</b>	: None
<b>Pressing Time</b>	: 15 – 20 min.*
<b>Temperature Resistance</b>	: -20°C to +70 °C
<b>Application Temperature</b>	: +5 °C to +35 °C
<b>Maximum Shear Strength</b>	<b>(beech-beech)</b>
<b>After 15 min</b>	: > 35 kgf/cm <sup>2</sup>
<b>After 24 hours</b>	: > 70 kgf/cm <sup>2</sup>

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