Yeşilbayır Mah. Şimşir Sk. No: 22 Hadımköy - İstanbul/TÜRKİYE Tel: 0212 771 13 71 Fax: 0212 771 38 88 www.akfix.com - info@akfix.com

610

PU EXPRESS MONTAGE ADHESIVE

Akfix 610 is 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.

FEATURES & BENEFITS

- **Fast curing, low press time.**
- **Conforms to D4 according to DIN EN 204.**
- **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.



15 Minutes of Low Press Time

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.**
- **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.

INSTRUCTIONS

- The substrates must be dry clean, free of dust and grease.
- The application temperature should be between 5°C and 35°C.
- 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.

Ташев-Галвинг ООД www.tashev-galving.com

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STANDARDS

Meets or exceeds the requirements of the following specifications:

- D4 classification according to DIN EN 204.
- Tested according to DIN EN 14257 (WATT 91).

RESTRICTIONS;

- Storage above 35 ^{0}C may shorten the shelf life
- Not suitable for polyethylene, polypropylene, nylon, ABS, PTFE
- Should be tested before application for specific substrates

STORAGE AND SHELF LIFE;

12 months between 5 ^{0}C and 25 ^{0}C in closed original packaging.

SAFETY & DISPOSAL

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.

PROPERTIES

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

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

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PRODUCT

Product Type	Volume	Package
610	310ml	12
610 (Blister)	50ml	30

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DISCLAIMER

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