



AKFIX PU ADH 305

1 – PRODUCT DESCRIPTION

Akfix PU ADH 305 is a two component elastic polyurethane based adhesive system. It is a solvent free adhesive.

2 – FEATURES

- Two component
- Excellent bonding to applied surfaces
- Suitable for use in adverse weather conditions
- Solvent free
- No smell
- Flexible
- Durable

3 – APPLICATION AREAS

- Industrial rubber coatings
- Bonding all types of parquets
- Bonding artificial grass sports ground applications
- Bonding rubber sheets to different surfaces such as; concrete, hardboard, chipboard
- Bonding metal, ceramic, concrete, wood etc.

4 – MIXING PROCEDURE

- Akfix PU ADH 305 Part A should be mixed thoroughly with the Akfix PU ADH 305 Part B in a ratio of 9: 1 by weight. Complete and thorough mixing of the components should be carried out by using a mechanical stirrer, for example a powerful drill with a suitable multi-paddle type mixing head. Mix approximately 2 minutes or until an even colour achieved. Poorly mixed adhesive will not cure correctly and may result in seam failure.
- It can be applied with a notched trowel or a suitable applicator. The cleaning can be done with ethyl acetate, butyl acetate etc.

5- APPLICATION METHOD

Akfix PU ADH 305 should not be applied onto a wet substrate as this interferes with curing mechanism and bonding. The application surface must be dust, dirt and oil free. The adhesive will normally have at least a one hour workable time at average seasonal temperatures of 15 – 25 °C , but this time can be considerably extended or reduced at lower or higher working temperatures. It is recommended that use all mixed material in working time of adhesive. Avoid contact to with water in 8-10 hours after application.



TECHNICAL DATA SHEET

Akfix® coating

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6- PACKAGING

20 kg set : Part A -18 kg metal tin, part B – 2 kg metal tin

7- SHELF LIFE & STORAGE CONDITIONS

Can be stored for 12 months when kept original, unopened container and protected from frost. Store in a cool and dry place between 15-25 °C . Material should be stored in a tightly closed container.

8- SAFETY

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. Please refer to SDS.

9- TECHNICAL FEATURES

Appearance	: Beige or any desired color
Viscosity (cps)	: Thixotropic
Density (25 °C) (gr/cm³)	: 1,8 (A component) : 1,2 (B component)
Solids (%)	: 100
Mix ratio	: 9/1: A/B (by weight)
Open time (min)	: 40-50 (at 23 °C 50% R.H.)
Tack free time (hr)	: 2-3 (at 23 °C 50% R.H.)
Film resistance	: Water and heat resistant
Coverage (kg/m²)	: 0,9-1.1 (1 mm thickness)