

ADANAC® ULTRA ADHESIVE



Product Benefits

- <60 g/l VOC
- Easy to trowel
- Excellent workability
- Fast curing
- Strong, yet remains elastic
- Light weight material
- Tenacious bond
- Contains no water
- No mixing or priming required

Green Rating

- LEED® EQc 4.1
- (100g/L limit) Passes
- SCAQMD, Rule 1168
- (100g/L limit) Passes\
- BAAQMD, Reg.8 Rule (120g/L limit) Passes

Description

Adanac Ultra Adhesive is a one- component, low-VOC, moisture cured polyurethane adhesive ideal for rubber flooring installation. Adanac Ultra Adhesive has excellent trowelability characteristics, superior tacking properties that remains permanently elastic. Adanac Ultra Adhesive offers excellent adhesion to elastomers, concrete, wood, leveling and patched underlayments that have been properly prepared.

Areas of Application

Use as an elastic adhesive for bonding many rubber flooring substrates to cement base and wood sub-floors. This product is suitable for experienced professional users only. Tests with actual substrates and conditions must be performed to ensure adhesion and material compatibility.

Cure Mechanism

Moisture Cured

Method of Application

Mixing: DO NOT MIX! The adhesive is specially formulated to eliminate mixing prior to use. Preliminary mixing will significantly reduce working time of adhesive.

Surface Preparation

Surface to be bonded must be clean, and free of dirt, water, oils, grease, rust or other foreign materials. The floor must be smooth and structurally sound. Cracks or holes in the sub- flooring should be filled and the filler material fully cured prior to applying Regupol PU350. Advice in specific applications will be given on request.

Availability

5 and 2.5 gallon pails



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Chemical base	1-C polyurethane
Colour	Tan
Cure Mechanism	Moisture Cure
Density (uncured)	10.01 lb/gal (1.2 kg/l)
VOC (EPA method 24)	<60 g/l
Non-sag properties	Good
Application Temperature	60°-90°F (15°C - 32°C)
Skinning/Laying Time	45-60min
Curing Rate	4.0 mm/24 hrs
Shore A-hardness	50 (after 28 days)
Tensile strength	150 psi
Elongation at break	170% cured
Tensile lap-shear strength	150 psi
Service Temperature	-40°F to 158°F (4°C to 70°C)
Shelf life (storage below 77°F (25°C))	12 months

Application

Adanac Ultra Adhesive possesses excellent troweling characteristics. It is easily applied from its original container with standard flooring application equipment and methods. Since Adanac Ultra Adhesive is a moisture curing material, new pails should not be opened until just prior to use. Apply at temperatures above 60°F and below 90°F (15°C - 32°C).

Tooling and Finishing

Spread Adanac Ultra Adhesive evenly with a 1/16" square-notched trowel or use appropriate trowel recommended by the flooring manufacturer. Coverage using a 1/16" square notched trowel is about 90 ft²/gallon over smooth concrete. Install flooring onto the adhesive within 30 minutes for best results. All times are recommendations, actual times may vary with temperature and humidity. Press firmly on the flooring, then roll using a 50-100 lbs. roller to insure proper adhesive contact.

Removal

Uncured Adanac Ultra Adhesive can be removed from tools and equipment mineral spirits or another suitable solvent. Once cured, the material can only be removed mechanically. Hands and exposed skin should be washed immediately using a suitable industrial hand cleaner and water. Strictly follow solvent manufacturer's instructions for use and warnings. Do not use solvents on skin!



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