

DATA SHEET

1 Component PU Sports Fitness Adhesive (indoor)



PRODUCT BENEFITS	DESCRIPTION
<ul style="list-style-type: none">• <60 g/l VOC• Easy to trowel• Excellent workability	<p>Our 1 Component PU Sports Fitness Adhesive is a one-component, low-VOC, moisture cured polyurethane adhesive ideal for rubber flooring installation. It has excellent trowelability characteristics, superior tacking properties that remains permanently elastic and offers excellent adhesion to elastomers, concrete, wood, leveling and patched underlayments that have been properly prepared.</p>
<ul style="list-style-type: none">• Fast curing• Strong, yet remains elastic	<h3>AREAS OF APPLICATION</h3> <p>Use as an elastic adhesive for bonding many rubber flooring substrates to cement base and wood sub-floors. Advice on specific applications is available from the Technical Service Department at 800-279-1693. This product is suitable for experienced professional users only. Tests with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.</p>
<ul style="list-style-type: none">• Light weight material• Tenacious bond	<h3>CURE MECHANISM</h3> <p>Moisture Cured</p>
<ul style="list-style-type: none">• Contains no water• No mixing or priming required	<h3>METHOD OF APPLICATION</h3> <p>Mixing: DO NOT MIX! The adhesive is specially formulated to eliminate mixing prior to use. Preliminary mixing will significantly reduce working time of adhesive.</p>
<h3>GREEN RATING</h3>	<h3>SURFACE PREPARATION</h3> <p>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 the 1 Component PU Sports Fitness Adhesive. Advice in specific applications will be given on request. Contact the Technical Service Department at 800-279-1693.</p>
<ul style="list-style-type: none">• LEED® EQc 4.1• (100g/L limit) Passes	<h3>AVAILABILITY</h3> <p>5 and 2.5 gallon pails</p>
<ul style="list-style-type: none">• SCAQMD, Rule 1168• (100g/L limit) Passes	<h3>APPLICATION</h3> <p>1 Component PU Sports Fitness Adhesive possesses excellent troweling characteristics. It is easily applied from its original container with standard flooring application equipment and methods. Since the 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).</p>
<ul style="list-style-type: none">• BAAQMD, Reg.8 Rule (120g/L limit) Passes	

TOOLING AND FINISHING

Spread the **1 Component PU Sports Fitness 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 **1 Component PU Sports Fitness 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!

PRODUCT SPECIFICATIONS

Chemical base	1-C polyurethane
Color	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°F – 90°F (15°C - 32°C)
Skinning/Laying Time*	45-60 min
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
Shelf life (storage below 77°F (25°C))	12 months

* 73°F (23°C) / 50% r.h.

** Floor may accept light foot traffic after 6-8 hrs. (depending on climatic conditions and adhesive layer thickness).