

6300

PRESSURE SENSITIVE FLOORING ADHESIVE



Powered by Microban® for superior mold and mildew protection.

1. DESCRIPTION

ROBERTS® 6300 is a high-performance, pressure-sensitive adhesive with excellent resistance to plasticizer migration and formulated to withstand up to 10 lbs MVER or 90% RH. This product dries quickly and offers a higher shear strength making it the adhesive of choice for commercial installations where performance is key.

Features and Benefits

- Moisture control up to 10 lbs. MVER and 90% RH
- Persistent tack and high shear strength
- Releasable for ease of replacement or wet-set for permanent bond
- Excellent resistance to plasticizer migration
- Coverage: 300 ft² / per gallon
- Commercial and residential use
- Powered by Microban® for superior mold and mildew protection

Approved Flooring Types

Carpet cushion

Enhancer™ backed carpet tiles

Recycled non-foam PVC

Small-format LVT (luxury vinyl tile) up to 12" x 12"

Solid vinyl / solid rubber / solid urethane

Approved Substrates

Concrete

Terrazzo (properly prepared)

CANPLY/APA rated plywood

Underlayment rated plywood

Gypcrete primed (refer to ASTM F2419)

Steel (roughened)

VCT (light traffic areas only)

For floorings and backings not listed, contact Technical Services at (706) 277-5294 (CA).

Recommended Trowel and Coverage Rate*

1/16" x 1/16" x 1/16" (1.5 mm x 1.5 mm x 1.5 mm) SQ Notch
Flooring (porous substrate): Vinyl Composition Tile
Coverage: 170-190 ft²/per gallon (15.7 - 17.6m²/per 3.78 L)

Medium Nap Roller (3/8") (9.5 mm)
Coverage: 250-300 ft²/per gallon (23.2-27.8 m² per 3.78 L)

* NOTE: The trowel notches referenced are those typically recommended for the type of flooring being installed, and are referenced as a guide. Coverage rates will vary depending on trowel type, substrate and installation conditions. Consult flooring manufacturer for their specific trowel recommendations.



*Based on installation by an industry certified installer



2. TECHNICAL DATA

Product Type:	Acrylic Latex/PSA
Color:	Off white
Odor:	Very mild, resinous
PERMANENT Installations (Wet-Set method)	
Open Time:	Up to 20 minutes
Working Time:	Up to 40 minutes
RELEASABLE Installations (Dry Method)	
Tack Time:	Up to 45 minutes
Working Time:	Up to 12 hours <i>Setup time will vary slightly with temperature and porosity of substrate</i>
Curing Time:	8 to 10 hours
Traffic:	Residential: 12 hours Commercial: 24 hours Rolling Loads: N/A
MVER:	10 lbs or less (ASTM F1869) / 90% RH or less (ASTM F2170)
pH:	Must not exceed 10
Shelf Life:	2 years from date of manufacture when stored in the original unopened container in a controlled environment. Does not require thinning
Storage:	Protect from freezing
VOC:	10 g/L

3. INSTRUCTIONS

Limitations

- For interior installations only
- Foam-backed carpet will not provide the releasable feature
- Do not install over vinyl composition tile in high or heavy traffic areas

Preparation

Ensure substrate, flooring material and adhesive are fully acclimated prior to installation at the same temperature and humidity level expected during normal use (between 65-95°F with a relative humidity of no greater than 65%). Maintain these conditions after the installation. Subfloors must be structurally sound, dry, smooth, flat ($\leq 3/16"$ within 10'), level and free of excess moisture/alkali and all substances (oil, wax, grease, paint, oil based sealers, adhesive residue, etc.) that may inhibit the bond of the adhesive or the performance of the flooring or its installation. Moisture testing must be performed in accordance to ASTM F1869 with levels not to exceed 10 lbs/1000 ft²/24 hrs and/or ASTM F2170 with levels not to exceed 90% RH. All substrate cracks, chips, holes, joints, high spots and irregularities must be adequately repaired. Expansion or other moving joints must not be filled or covered with flooring. Patching compounds must be suitable for the use application, cement-based and polymer-modified, and applied according to the manufacturer's instructions.

Installation

Materials and area temperature must be between 18-35°C/65-95°F with a maximum RH of 65% for 48 hours before and during installation as well as for 72 hours afterward. Large temperature or humidity increases or decreases can affect the flooring and performance of the installation. Lift a corner periodically to ensure 100% coverage of adhesive to the flooring backing and the substrate to ensure a void-free bond. Spread adhesive uniformly using a trowel or roller. Adhesive ridges should be of sufficient height to achieve full coverage of the substrate and the deepest recesses in the back of the flooring material.

Clean-up

Fresh adhesive – warm, soapy water on a clean cloth.

Dried adhesive – use mineral spirits sparingly with a clean, white cotton cloth. DO NOT POUR DIRECTLY ONTO FLOORING.

4. AVAILABILITY

🇨🇦 CANADA

18.9L Plastic Pail	R6300RB020	075378630050
15.14 L Plastic Pail	R6300RB015	075378630036
3.78 L Plastic Pail	R6300RB004	075378630029



5. WARRANTY

Roberts Consolidated Inc. offers a limited-product warranty on this product when installed in accordance with the printed specifications. Visit robertsconsolidated.com/ca or call (866) 435-8665 for full warranty details.

6. TECHNICAL SERVICES

For technical assistance or installation questions not covered in this document, please contact our Technical Services Department at (905) 791-4444 Canada.



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