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SUPERIOR

Pressure Sensitive Adhesive

1. PRODUCT NAME

ROBERTS® 6300 Pressure Sensitive Adhesive

2. MANUFACTURER

Roberts Company Canada, Ltd.
34 Hansen Road South
Brampton, ON L6W 3H4
(866) 435-8665 / (905) 791-4444

3. 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 Adhesive - – Up to 10 lbs. MVER (ASTM F1869) / 90% RH (ASTM F2170)
- Persistent tack and high shear strength
- Releasable for ease of replacement or wet-set for permanent bond
- Excellent resistance to plasticizer migration
- Enviro-Friendly – solvent-free and LEED® compliant; VOC 9 g/L
- Non-flammable. NFPA Class A and UBC Class 1 fire resistance ratings (ASTM E84)
- CRI Green Label Plus® Certified – GLP #42613
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Commercial

Uses

For the interior installation of carpet cushion, solid vinyl, solid rubber, solid urethane, recycled non-foam (PVC), luxury vinyl tiles (up to 12" x 12"), Enhancer™ backed carpet tiles and specialty underlayments such as ROBERTS SoundBarricade (70-197).

For backings not listed, please contact our Technical Service Department at (706) 277-5294.

Coverage and Trowel Options*

1/16" x 1/16" x 1/16"

Flooring: Carpet Tile
Coverage: 15.8-17.7 m² per 3.78 liters / 170-190 ft² per gallon

Medium Nap Roller

Flooring: Carpet Tile
Coverage: Up to 27.9 m² per 3.78 liters / 300 ft² per gallon

**The trowel notches referenced are those typically recommended for the type of flooring being installed and are shown as a guide. Consult flooring manufacturer for their specific trowel recommendations.*

Substrates

Concrete, CANPLY/APA underlayment rated plywood, vinyl composition tile (free from wax), primed gypcrete, steel and terrazzo. All substrates must be flooring grade. Vinyl composition tile must be well bonded and limited to one layer.

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.
- Ensure adequate ventilation during flooring installation.
- Refer to Safety Data Sheet, www.robertsconsolidated.com, industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.

4. 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: 10 to 12 hours

VOC: 9 g/L

MVER: 10 lbs or less (ASTM F1869) / 90% RH or less (ASTM F2170)

pH: Must not exceed 10.0

Shelf Life: 1 year in unopened container

Storage: Freeze-thaw stable to -12°C/10°F. Does not require thinning. Store in an unopened container for up to one year.



5. INSTRUCTIONS

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.

When installing over a porous substrate, place flooring into semi-wet adhesive for a permanent bond or allow adhesive to dry and become tacky to the touch for a releasable bond. When installing over a non-porous substrate allow adhesive to dry and become tacky before placing the flooring.

Setup time will vary slightly with temperature, humidity and porosity of substrate.

Curing

Up to 8-10 hours. High temperature and low humidity will cause the adhesive to cure faster.

After installation, restrict foot traffic and moving of heavy objects for 24-48 hours to allow adhesive to cure properly. Premature traffic can cause installation failure.

Clean-up

Fresh adhesive – warm, soapy water.

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

6. AVAILABILITY

Packaging

18.9L / 5 U.S. gallon Plastic Pail	R6300RB020	075378630050
15.14 L / 4 U.S. gallon Plastic Pail	R6300RB015	075378630036
3.78 L / 1 U.S. gallon Plastic Pail	R6300RB004	075378630029

7. WARRANTY

15-Year Moisture Control / 15-Year Direct Bond / 7-Year Double Bond

ROBERTS warrants that this product will be free from manufacturing defects for 12 months from the date of manufacture, when applied in accordance with ROBERTS' instructions and industry standards. ROBERTS' sole liability is to either supply new product or refund the original purchase price. **This limited warranty excludes all other express warranties including the warranties of merchantability for a particular use or purpose.** Any implied warranties arising by operation of law are limited to one year. ROBERTS will not be liable for any incidental or consequential damages.

Visit www.robertsconsolidated.com for full warranty details.

8. MAINTENANCE

Not applicable.

9. TECHNICAL SERVICES

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

10. FILING SYSTEM

Division 9



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