

6300



SUPERIOR

Pressure Sensitive Adhesive

1. PRODUCT NAME

Roberts® 6300 Pressure Sensitive Adhesive

2. MANUFACTURER

Roberts Consolidated Industries, Inc.
300 Cross Plains Blvd
Dalton GA 30721
(866) 435-8665 / (706) 277-5294

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 of worn areas or permanent bond
- Excellent resistance to plasticizer migration
- Enviro-Friendly – solvent-free and LEED® compliant; VOC 9.7 g/L, SCAQMD Rule 1168
- 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) and Enhancer® backed carpet tiles.

Coverage and Trowel Options*

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

Flooring: Carpet Tile
Coverage: 170-190 ft² per gallon

Medium Nap Roller

Flooring: Carpet Tile
Coverage: Up to 225 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, flooring grade APA rated plywood, vinyl composition tile (free of wax), primed gypcrete, steel and terrazzo. Vinyl composition tile must be well bonded and limited to one layer. Do not install over vinyl composition tile in high or heavy traffic areas.

Limitations

- 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.
- Foam backed carpet will not provide the releasable feature.
- 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
Color:	Off white
Odor:	Very mild, resinous
Open Time:	Up to 20 minutes (Permanent Installations)
Working Time:	Up to 40 minutes
Tack Time:	Up to 45 minutes (Releasable Installations)
VOC:	9.7 g/L
MVER:	10 lbs or less (ASTM F1869) / 90% RH or less (ASTM F2170)
pH:	Must not exceed 10
Shelf Life:	1 year in unopened container
Storage:	Protect from freezing. Does not require thinning.



5. INSTRUCTIONS

Preparation

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%.

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

Maintain the same temperature and humidity during the life of the installation (between 65–95° F).

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

4 gallon Plastic Pail (15.14 L)	6300-4	075378630043
1 gallon Plastic Pail (3.78 L)	6300-1	075378630012

7. WARRANTY

15-Year Moisture Control / 15-Year Direct Bond

Roberts warrants that this product will be free from manufacturing defects for 12 months from the date of purchase, 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 (706) 277-5294 or visit robertsconsolidated.com.

10. FILING SYSTEM

Division 9



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