



# 3900

PREFERRED

## Carpet Adhesive

### 1. PRODUCT NAME

ROBERTS® 3900 Carpet Adhesive

### 2. MANUFACTURER

**Roberts Consolidated Industries, Inc.**

300 Cross Plains Blvd

Dalton, GA 30721

(866) 435-8665 / (706) 277-5294

### 3. DESCRIPTION

ROBERTS 3900 is a high performing direct glue down carpet adhesive recommended for light to heavy traffic. It is a rapid grabbing adhesive to assist in holding stiff carpets in place during installation and is specifically designed with the desired characteristics for commercial carpet installation.

#### Features and Benefits

- Great up front tack and strong bond
- Holds stiff, rigid carpet backings
- Enviro-Friendly – solvent-free and LEED® compliant; VOC < 1 g/L, SCAQMD Rule 1168
- CRI Green Label Plus® Certified – GLP #36471
- GoldGuard® antimicrobial product protection
- Traffic – Heavy Residential/Moderate Commercial

#### Uses

For the interior installation of carpet.

*Carpet Backings* – Polypropylene (Action Bac®), woven, Axminster, Wilton, hot melt, unitary, needle-punch, urethane foam (Enhancer™), polyurethane laminate (LifeSpan®), sponge-rubber, jute, and latex-foam.

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

#### Coverage and Trowel Options\*

##### 1/8" x 1/8" x 1/16"

Flooring: Smooth-Backed Carpet  
Coverage: 90-110 ft² per gallon

##### 1/8" x 1/8" x 1/8"

Flooring: Rough-Backed Carpet  
Coverage: 65-75 ft² per gallon

##### 3/32" x 3/32" x 3/32"

Flooring: Smooth-Backed Carpet  
Coverage: 100-120 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, APA rated plywood, vinyl composition tile (free of wax – residential/light commercial only) and terrazzo.

#### Limitations

- Ensure adequate ventilation during flooring installation.
- Do not use this adhesive for pure vinyl or vinyl-backed products.
- For interior installations only.
- Refer to Safety Data Sheet, [www.robertsconsolidated.com](http://www.robertsconsolidated.com), industry standards, and manufacturer's guidelines and specific recommendations prior to installation for additional information.

### 4. TECHNICAL DATA

<b>Product Type:</b>	SBR Latex
<b>Color:</b>	Beige
<b>Odor:</b>	Very mild, resinous
<b>Open Time:</b>	Up to 25 minutes
<b>Working Time:</b>	Up to 45 minutes
<b>VOC:</b>	< 1 g/L
<b>MVER:</b>	5 lbs. or less (ASTM F1869) / 80% RH or less (ASTM F2170)
<b>pH:</b>	Must not exceed 9.0
<b>Shelf Life:</b>	1 year in unopened container
<b>Storage:</b>	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.

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°F and 95°F with a relative humidity (RH) of no greater than 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. 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.

Place flooring into the adhesive while the adhesive is still fresh. The amount of time in which you have to place the flooring will vary with temperature and humidity. The higher the temperature and the lower the humidity the faster the adhesive will set.

### Curing

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)	3900-4	075378090045
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## 7. WARRANTY

### 10-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](http://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](http://robertsconsolidated.com).

## 10. FILING SYSTEM

Division 9



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