

PROFESSIONAL

400

TECHNICAL  
DATA SHEET

SUPER PREMIUM

# Floor Covering Adhesive

■ **DESCRIPTION:** Pro 400 Super Premium Adhesive has been specially formulated for installing glue-down carpet in commercial and residential applications. It features an extremely fast high tack for hard-to-hold surfaces.

■ **OPEN TIME:** 15-45 minutes (depending on temperature, humidity, trowel notch size, type and condition of floor).

■ **APPROVED BACKINGS:** **Sheet goods:** Mineral and paper felt backings. **Carpet:** Duragon backed, jute backed, kangaback, latex unitary backed, rubber backed, hot-melt backed, woven carpet, woven polypropylene (not recommended for vinyl backed carpet).

■ **APPROVED FLOORS:** Plywood, hardboard underlayment, association grade particleboard underlayment, existing well-bonded resilient floor coverings and concrete (above, on or below grade in the absence of excessive moisture and alkali).

■ **FIRE RATINGS:** Meets NFPA Class A, and UBC-Class 1 fire ratings as determined by the ASTM E-84. It conforms to standards established in the Hill-Burton Act. Comparable tests UL723, NFPA No. 255, and UBC No. 42-1.

■ **LIMITED WARRANTY:** Limited warranty is made in lieu of all other warranties, expressed or implied. Any goods proved defective within one year of manufacture will be replaced or purchase price refunded. Blakely Products will not be responsible for damages in excess of purchase price. User shall determine suitability of the product for its intended use and assumes all risks of its use and handling.

■ **CAUTION:** Contains methanol. May be harmful if swallowed. Prolonged breathing of vapor may be harmful. Use only in well ventilated areas. Keep container closed when not in use. Avoid skin contact. In case of contact, wash immediately with soap and water. If swallowed, do not induce vomiting. Call physician immediately. Store in a cool place. Avoid storing in direct sunlight. Keep out of reach of children.

■ **DIRECTIONS:** Floor must be clean, smooth, dry and free of any foreign matter that would interfere with a good bond. Fill all cracks and depressions with a suitable floor patch (mix with water or, for improved adhesion and durability, a suitable latex additive). For best results, the area to be installed, adhesive and flooring should be conditioned at 65°F, and at a maximum relative humidity of 65% for at least 48 hours before and 72 hours after installation.

1. Apply adhesive with a notched trowel (see trowel recommendations). Apply adhesive to an area of such size that carpet can be laid into adhesive while it is still wet. Do not allow adhesive to skin over as this will inhibit adhesive transfer.

2. Most floor coverings can be laid into wet adhesive immediately. When installing non-porous material or when floor is non-porous, let adhesive get tacky before laying goods into adhesive. Roll entire installation with a suitable roller in both directions immediately to remove trapped air and to ensure adhesive transfer. It may be necessary on some floor coverings to roll a second time 3-12 hours after the initial rolling to ensure a strong bond is established. For carpeting, press down on surface with a 2" x 4" block or a piece of carpet tube. Do not use a heavy linoleum type roller on carpet.

■ **SEAMING:** Follow directions of carpet or sheet goods manufacturer. If required on carpet, seal seams with either latex seam adhesive or cushion back seam adhesive.

■ **CLEAN UP:** Wet adhesive may be removed with warm soapy water and a rag. Dry adhesive should be removed with safety solvent. Dampen a cloth and blot (do not rub) adhesive to clean, but be careful, solvent is harmful to certain floor coverings and will ruin the adhesive bond if it gets under the floor covering.

■ **TROWEL RECOMMENDATIONS:**

**Sheet Goods**— 1/16" x 1/16" x 1/16"  
Approx. 150 Sq. Ft./Gal.

**Carpet** — 3/32" x 3/32" x 3/32"  
Approx. 120 Sq. Ft./Gal.

**Rough-Backed Carpet** — 1/8" x 1/8" x 3/32"  
Approx. 90 Sq. Ft./Gal.

■ **CAUTION:** Improper trowel notch size is the #1 cause of installation failure. Porosity and roughness of subfloor as well as type and texture of backing must be taken into account in selecting trowel notch size. Adequate adhesive must be used to achieve 100% transfer well up into the carpet back.



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