

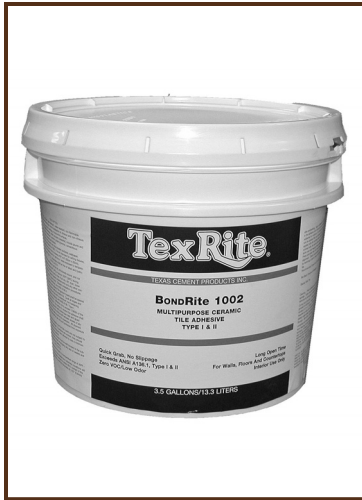


BONDRITE 1002

Multipurpose Wall & Floor Tile Organic Adhesive (Mastic)

Product Information

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BONDRITE 1002 is a multi-purpose synthetic, Type 1, acrylic based adhesive manufactured for interior installations. It is composed of high quality organic resins and latexes for setting of all types of vitreous and non-vitreous ceramic wall and floor tiles on vertical or horizontal surfaces.

BASIC USE

BONDRITE 1002 is a pre-mixed, ready-to-use, resealable adhesive with

excellent coverage. It is easy spreading, freeze-thaw stable, non-flammable, water-cleanable prior to set up and sets fast with long lasting elastic bond. Wall tiles may be set top down or bottom up with no slip. Do not install heavy weight tile with this adhesive on vertical surfaces. Do not use in areas requiring prolonged water resistance

AREA OF USE

BONDRITE 1002 may be used over structurally sound, firm, level, dry surfaces (interior only) such as gypsum wall board, cementitious backer board, exterior grade plywood (floors only), existing ceramic tile*, and well cured, dry, dimensionally stable concrete above or below grade.

*Please allow adhesive to set 15 minutes before applying tile.

LIMITATIONS

BONDRITE 1002 should not be used over strip wooden surfaces, wall paper, Masonite®, metal, particle board, lauan plywood or plaster that contains moisture. It is not recommended for service environments above 140°F. **BONDRITE 1002** adhesive should not be used for setting fixtures or high lug tiles. It should not be used in areas of high moisture exposure or wetness such as steam room, shower stall floors or water submerged surfaces.

APPLICABLE STANDARDS

BONDRITE 1002 conforms and complies with all requirements of ANSI A-136.1; Type 1 organic adhesives for the installation of ceramic tile. V.O.C.: Zero calculated.

INSTALLATION

Preparatory Work

All surfaces must be clean, dry, sound, firm, free of dust, dirt, soap film, oil, grease and loose, scaly paint, adhesive or foreign material. Never apply over wallpaper, sandy brown-coat plaster or fresh plaster with a high moisture content. Maintain adhesive and tile at a temperature of at least 70°F (21°C) for 24 hours before and following installation.

Application

Spread adhesive with recommended trowel held at 45° angle. Apply no more adhesive than can be covered in 20-30 minutes. Open time will vary according to temperature and humidity. NOTE: When applying over old ceramic tile, allow adhesive to set 10-15 minutes before applying the new tile. Wall tiles may be set from the top down or bottom up. Press, do not slide, tiles and sheets of tile into adhesive. Maintain accurate joint alignment and spacing as tiles are positioned. Use a wood or rubber-faced beating block, tapped lightly with a mallet to level and ensure solid tile positioning. Check occasionally to ensure at least 95% adhesive transfer to back of tile. Avoid adhesive squeeze-up between tiles. It may be necessary to butter adhesive on backs of large pavers and quarry tile to eliminate rocking action caused by unevenness in floor or tile. Close container between spreading cycles and after each use. Store at moderate temperature.

Coverage and Recommended Trowel Size

- Glazed wall tile: 50-60 sq. ft. (6-7m²) per gallon. Trowel (distance between top of teeth) ³/₁₆" x (teeth width) ³/₁₆" x (height of teeth) ⁵/₃₂".
- Ceramics, mosaics, and gauged slate: 65-75 sq. ft. (4.7 - 5.6 m²) per gallon. Trowel (distance between top of teeth) ¹/₈" x (teeth width) ¹/₈" x (height of teeth) ¹/₈".
- Heavy tile, slate pavers, etc.: 30-40 sq. ft. (2.8 - 3.7 m²) per gallon. Trowel (distance between top of teeth) ¹/₄" x (teeth width) ¹/₄" x (height of teeth) ³/₈".
- Quarry Tile: 40-50 sq. ft. (3.7 - 6 m²) per gallon. Trowel (distance between top of teeth) ¹/₄" x (teeth width) ¹/₄" x (height of teeth) ¹/₄".

Curing

Under normal conditions, 75° F (24° C), tiles may be grouted in 48 hours. Under cooler or humid conditions, or with vitreous tile in excess of 4" x 4" (10 cm x 10 cm) a longer cure time (up to 72 hours) is required to allow for complete evaporation of excess moisture. Select a Portland cement dry-set mortar product for these larger size floor tiles applications to reduce installation down time.

Cleaning

Use soapy water for fresh, uncured adhesive on tile and tools. Dry adhesive may be removed by scraping or with 3M Safest Stripper or equal.

MEETS
TYPE I and II
SPICES
(Non-Wall Areas)

READY
MIXED TILE
ADHESIVE

RESEALABLE
CONTAINER

BONDRITE 1002

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BONDRITE 1002
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Organic Adhesive (Mastic)



Product Information

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SPECIFICATIONS	
Physical Properties: BondRite 1002	
A. Base	Acrylic co-polymer
B. Color	Creamy white
C. Consistency	Heavy paste
D. Solids (%)	67.0
E. Weight per Gallon	11.6
F. Application	Notched trowel
G. Open Time @ 70°F	Up to 45-60 minutes, depending on trowel size, temperature, humidity, and substrate porosity.
H. Adjustability @ 70°F	
I. Shear Strength (ANSI A136.1) Dry	> 220 psi
Water Immersion	> 70 psi
J. Freezable	Freeze-thaw stable (3 cycles)
K. Coverage	Up to 75 sq. ft. per gallon depending on trowel size
<p>L. Safety - Caution Use with sufficient ventilation, in pattern and volume, by opening doors and windows, to keep air concentration below permissible exposure limit and threshold limit value as recommended by Occupational Safety and Health Administration and American Conference on Governmental Industrial Hygienists. Vapors can collect in low areas. Children should be kept away from work areas since vapors are heavier than air. Prevent prolonged or repeated breathing of vapors or mist. Keep container closed when not in use. Use with appropriate safety equipment-splash goggles and gloves. Overexposure: Swallowing may cause injury, illness or death. Liquid contact with skin or eyes may cause irritation First Aid: Inhalation: move person to fresh air. If breathing stops, administer artificial respiration and call physician immediately. Ingestion: induce vomiting, call physician immediately. Eyes: flush with water for 15 minutes, call physician if irritation occurs. Avoid contact with skin where possible and wash exposed skin areas promptly with water.</p> <p style="text-align: center;">KEEP OUT OF REACH OF CHILDREN.</p>	
M. Storage Life - One year @ 70°F in unopened container	

BONDRITE 1002

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