



Hydroment® M800 Lite

POLYMER-MODIFIED LARGE & HEAVY TILE MORTAR

TECHNICAL DATA SHEET 05/11/2026

SMART ADVANTAGES

- Lighter load, stronger performance
- Extended open time
- Exceeds ANSI 118.15HET

DESCRIPTION

Bostik Hydroment® M800 Lite is a lightweight, polymer-modified large & heavy tile mortar used for interior or exterior installations to set all large sized ceramic, porcelain, gauged porcelain, granite, slate, marble, limestone, thin porcelain tiles, large porcelain panels and dimensional stone tiles. Bostik Hydroment® M800 Lite may also be used for vertical applications. Use over polyethylene uncoupling membranes and fleeced sheet membranes, structurally-sound: properly prepared concrete, exterior grade plywood (interior/dry use only), cementitious backer board, Bostik Ultra-Set® Advanced, Bostik GoldPlus™, Block H500 and existing, well-bonded vinyl composition tile (VCT) or ceramic tile. Hydroment® M800 Lite may be used for uneven tile and stone thicknesses; or to minimize lippage. Hydroment® M800 Lite is approved for non-sag applications for tiles up to 5lbs per square foot.

WHERE TO USE

Interior/exterior floors, walls and countertops.

DIRECTIONS FOR USE

Read and understand technical and safety data sheets completely before beginning installation. Follow applicable ANSI, NTCA and TCNA installation standards. Refer to www.bostik.com/us for the most recent product information and safety data sheet prior to installation.

SURFACE PREPARATION

All surfaces must be structurally sound, clean, free of dust, dirt, oil, grease, water, curing compounds, sealers, waxes or any contaminants that may inhibit proper bond. TCNA recommends roughening or scarifying glazed tile substrates.

Note: It is the user's responsibility to determine the condition and suitability of all surfaces before application.

MIXING

Mix with water only. Using a slow speed mixer (<150 rpm). Mix to creamy consistency.

White: 4.5qt to 5.5qt of water (mid = 5qt)

Grey: 5qt to 6qt of water (mid=5.5qt)

Note: For installation of large bodied wall tiles the product should be mixed to a stiff but creamy consistency. Excess water or a "loose" mix may cause tiles to slip. Do not re-temper by adding more liquid.

No slake required.



APPLICATION

Apply a thin coat of Bostik Hydroment® M800 Lite with the flat edge of trowel to achieve a good mechanical bond to the substrate. Apply additional mortar with the appropriate size notched trowel. If any evidence of skinning or setting occurs, remove and re-apply fresh mortar. Apply mortar to an area no greater than can be tiled in 30 minutes. Apply tile using a twisting motion into a fresh bed of mortar to ensure maximum contact and bond. Periodically check back of tile to ensure proper transfer (interior applications — minimum 80% coverage; exterior, wet, or plywood applications — minimum 95% coverage). Temperatures must be between 50°F (10°C) - 100°F (37.8°C) during installation.

Note: If the appropriate coverage is not achieved, back buttering the tile or a larger trowel notch may be required.

Application Over Plywood: Maximum joist spacing shall be 16" on center. Plywood shall be Underlayment Exterior Grade or C-C Plugged Exterior Grade plywood (or better). If the existing floor is less than 1" thick, glue and nail 15/32" or 1/2" APA Underlayment Exterior Grade or C-C Plugged Exterior Grade plywood to the floor. Glue and nail using 5D or 6D (1 1/2" or 2") cement coated screw shank nails 6" on center along the panel edges and a maximum of 8" on center each way throughout the panel. Allow 1/8" gap between underlayment sheet edges and all areas that abut walls, drains, posts, etc., these areas shall be filled with mortar when tiles are installed. Clean and rough sand the plywood. Due to the limitations of plywood as a substrate, Bostik Hydroment® M800 Lite is not intended for use on plywood in exterior, wet interior, or applications subject to heavy/commercial traffic.

Application over Existing Vinyl/VCT Flooring: Vinyl must be clean and well-bonded to substrate. Do not install over cushion-backed or perimeter bonded sheet vinyl. Remove any loose pieces of vinyl or flooring. Ensure the exposed substrate is suitable for application. Some flooring and cutback adhesive may contain asbestos. Follow all Federal, state and local guidelines for proper removal. Refer to the Resilient Floor Covering Institute's "Recommended Work Practices for the Removal of Resilient Floor Coverings."

This supersedes and replaces in its entirety all previously published versions of this document. B2398550

Application Over Existing Ceramic Tile: Tile must be clean and wellbonded to substrate. Mechanical abrasion with Carborundum disk, followed by a clean water wash is recommended. Installation must be thoroughly rinsed and dry before setting the new tile. Keep all foot traffic off the installation until tile is firmly set (roughly 12 hours). Set times vary based on temperature, humidity, porosity of substrate and tile size.

CLEAN UP

Clean all tools and equipment immediately with soap and water. Do not allow material to dry on surface of tile.

CURING

Keep all foot traffic off the installation until tile is firmly set (approximately 12 hours). Set times are dependent upon temperature, humidity, porosity of substrate and tile size.

GROUTING

Depending on ambient air, slab, and material temperatures, grouting can generally begin after 12 hours with most Bostik grouting systems. Allow 48 hours before grouting with any Bostik EzPoxy™ EzClean™ or any 100% solids epoxy grout. Allow 24 to 48 hours before grouting with Bostik pre-mixed grouts. Allow 7 to 10 days before grouting porcelain tile panel or thin porcelain tile installations.

LIMITATIONS

- Do not mix with Bostik 425™ Multi-Purpose Acrylic Latex Admixture.
- Do not use for installing moisture sensitive stones (e.g., green marble) or resin-backed stone.
- Do not use in installations where deflection exceeds L/360 (1" in 30 feet).
- Do not apply over oriented strand board, particle board, masonite, luan, or similar unstable substrates.
- Do not use where hydrostatic pressure can occur.
- Due to the limitations of plywood as a substrate, Bostik Hydroment® M800 Lite is not intended for use on plywood in exterior, wet interior, or applications subject to heavy/commercial traffic.
- For marble and limestone, refer to Marble Institute of America's deflection requirements.

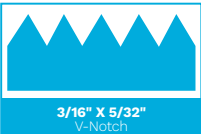
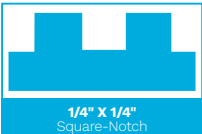
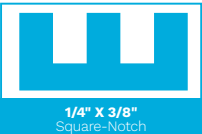
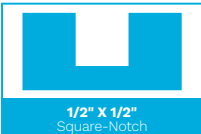
PACKAGING

28 lbs bag white and gray formulations

STORAGE & SHELF LIFE

Store in a clean, dry area, off the ground on a pallet, not affected by freezing or hot temperatures. Shelf life is 24 months from date of manufacturing in unopened bags.

RECOMMENDED TROWELS FOR MAXIMUM PERFORMANCE

Coverage 70-82 ft ²	Coverage 80-100 ft ²	Coverage 41-49 ft ²	Coverage 40-50 ft ²
			
3/16" X 5/32" V-Notch	1/4" X 1/4" Square-Notch	1/4" X 3/8" Square-Notch	1/2" X 1/2" Square-Notch

Trowel size is suggested to maximize mortar transfer/coverage. Periodically check coverage during installation. Uneven substrate may require the use of either a leveling/patching material, or larger notched trowel for proper mortar coverage.

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Bostik, Inc.

11320 W. Watertown Plank Road
Wauwatosa, WI 53226
www.bostik.com/us

TYPICAL PHYSICAL PROPERTIES

Open Time at 70°F (21.1°C)	30 minutes
Adjustment Time at 70°F	20 minutes
Pot Life at 70°F (21.1°C)	2.5 hours
Initial Set at 70°F (21.1°C)	8-10 hours
Final Set at 70°F (21.1°C)	10-15 hours

Exceeds ANSI A118.15, 118.4, 118.11, 118.15HET requirements

VOC

0 g/L (as calculated per SCAQMD 1168)

DANGER

CORROSIVE WHEN WET. MAY CAUSE BURNS. IRRITATING TO SKIN, EYES AND RESPIRATORY TRACT. MAY CAUSE CANCER. Do not breathe dust. Do not get in eyes, on skin or on clothing. Do not swallow. Handle with care. Use only in a well-ventilated area or wear a mask. Wear protective clothing including gloves during handling. Wash thoroughly after handling. Store bag in a cool, dry area. Do not reuse bag.

KEEP OUT OF REACH OF CHILDREN

FIRST AID TREATMENT

Contains Portland Cement, Gypsum and Quartz Silica. If in eyes or on skin, rinse with water for at least 15 minutes. If on clothes, remove clothing. If breathed in, move person to fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

SEE SAFETY DATA SHEET

Chemical Emergency: 800-424-9300 (USA),
703-527-3887 (International)

Medical Emergency: 866-767-5089

BOSTIK HOTLINE

Smart help 1-800-726-7845



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