



ADVATILE MS

Natural Stone & Marble Adhesive

DESCRIPTION

ADVATILE MS is a high-performance, nonflammable, acrylic latex adhesive for interior installations of marble, natural-stone, ceramic, and porcelain floor and wall tile. Its fast-grabbing, non-slip formula simplifies vertical installation of tiles.

TYPICAL USES

- For interior installations of marble and natural-stone tile up to 12" x 12" (30 x 30 cm) on walls and up to 6" x 6" (15 x 15 cm) on countertops and floors (light-duty residential traffic only)
- For interior installations of ceramic and porcelain tile up to 12" x 12" (30 x 30 cm) on walls and up to 6" x 6" (15 x 15 cm) on countertops and floors (light-duty residential traffic only)
- ADVATILE MS Adhesive is recommended in dry or intermittent wet conditions such as countertops, backsplashes, tub surrounds and shower surrounds (walls only) over a pre-fabricated shower pan, where service requirements do not exceed ANSI A136.1, Type I. Cementitious adhesives are recommended for tiles adjoining submergible areas.

TECHNICAL PROPERTIES

Appearance	White Smooth Paste
Packaging	1 US Gallon
Approx. coverage	3.79 /l US Gallon for ceramic, porcelain and natural stone tile upto 6" x 6" mm thickness
Open time	Approx. 45 minutes.
Cleanability	With water when fresh and with cleaning fluid when dry.
Grouting	After 24 hours for walls and 48 hours for floors. Protect the finished installation from general foot traffic and impact for 72 hours
Application temperature	25 to 50° C

(The properties shown above were obtained under laboratory conditions and may vary in practice).

APPLICATION INSTRUCTION

SURFACE PREPARATION :The backing surface to be tiled must be sound, thoroughly clean and free from any trace of oil, paint, loose particles of mortar, old wall paper etc. The surface should be dampened a few hours before application of ADVATILE MS.

NOTE:

- *Do not use for exterior applications, immersion environments, steam rooms or shower floors*
- *Do not apply over waterproofing membranes, radiant- or thermal-heated subfloor systems, gypsum-based patching or leveling compounds, sheet vinyl, vinyl asbestos tile (VAT), vinyl composition tile (VCT), existing ceramic, porcelain or natural stone, self-stick tile, laminate surfaces, fiberglass surfaces, poured epoxy floors, hardwood flooring, presswood, particle board, gypsum floor-patching compounds, Do not use for the installation of glass tiles; granite; RossoLevanto, Negro Marquina or green marble tiles or their agglomerates; or other tiles with known dimensional instability when exposed to water-based setting materials.*
- *Do not use for setting bathroom fixtures or grab bars.*
- *Do not use as a thick-bed mortar, concrete repair mortar, concrete patching material or skim-coating compound, or use to level subfloors.*
- *Do not use in areas subject to temperatures above 140°F (60°C).*

RECOMMENDED USES

- Fully cured concrete substrates (at least 28 days)
- Masonry block
- Cement mortars and leveling coats
- Cement backer units (see manufacturer's instructions for approval)
- Gypsum wallboard – interior walls in dry areas only (to improve adhesion use acrylic primer)
- APA or COFI Group 1 exterior-grade plywood (interior residential floors and countertops in dry areas)

MIXING: ADVATILE MS is ready to use. No mixing is required.

APPLICATION:

Select a typical notched trowel with sufficient depth for at least 80% transfer of adhesive to the back of the tile.

Note: Trowel selection will vary depending on the tile size and thickness as well as the substrate profile.

- Key adhesive into the substrate with the trowel's flat side. This ensures complete contact with the substrate.
- Comb adhesive in a single direction. Troweling in a "swirl" pattern is not recommended.
- Spread only as much adhesive as can be tiled within 30 minutes. Any adhesive that has "skinned" over should be scraped off and replaced with fresh material.
- Place tiles firmly into the fresh adhesive with a slight twisting motion to ensure a positive bond.
- Make alignments or adjustments immediately, within 30 minutes.
- Remove excess adhesive from joint areas so that at least 2/3 of the tile depth remains available for grouting.
- Ensure that proper contact is being achieved between the tile and substrate by occasionally removing a few tiles and checking for acceptable coverage

CLEANING:

Remove any excess adhesive from the tile surface while the material is still fresh. Use a damp sponge with clean, warm water. A light-duty scrub pad also may be used if necessary.

Clean hands and tools while the adhesive is still fresh. Use a damp sponge or a stiff nylon brush with warm water. If adhesive has dried on the surface or tools, use any mineral fluid.

NOTE: GROUTING should only begin after the tiles are firmly set and the adhesive has completely dried. Less porous tiles or substrates, lower room or substrate temperatures, higher humidity and larger tiles will extend drying times. Walls may generally be grouted the day following installation; floors may generally be grouted after 48 hours, depending on the tile to be installed. Keep the area dry and well-ventilated to help speed the drying process.

PACKAGING: 1 US Gallon Cans

COVERAGE:

The coverage depends upon the surface profile and condition of the substrate and the wastage.

STORAGE

Store out of direct sunlight, clear of the ground on pallets, protect from rainfall. Avoid excessive compaction.

Shelf life is 12 months when stored as above.

PRECAUTIONS

As with other products in construction chemical, ADVATILE MS may cause irritation. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Call a physician. In case of contact with skin, wash skin thoroughly.

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