



Mapelastic **AquaDefense**

New color with improved visibility for chalk lines

Mapelastic® AquaDefense, the industry's trusted premium waterproofing and crack-isolation membrane, has become even better. We've lightened the color to provide better visibility for chalk layout lines.

The advanced technology of the quick-drying, liquid-rubber formula remains the same. Only the color has changed to provide easier visibility for chalk lines on poorly lighted jobsites.

FEATURES AND BENEFITS

- Light green color improves visibility for chalk lines
- Applies bluish green and dries to a light green color
- Very quick-drying: Install tile after 30 to 50 minutes of drying time.
- Time-saving: Flood-test as shower-pan liner after 12 hours of drying time.
- Apply with roller or brush for easy installation over flat, curved or irregular surfaces
- Bonds to a wide range of surfaces; convenient, user-friendly and versatile
- No odor; great for confined spaces
- Prevents in-plane floor cracks from transmitting through tile or stone

Line 'em up! Chalk line after chalk line, job after job, *Mapelastic AquaDefense* provides high visibility and premium protection.

For more information, please contact your local MAPEI Representative or Distributor.





Mapelastic **AquaDefense**

Premium Waterproofing and Crack-Isolation Membrane

PRODUCT PERFORMANCE PROPERTIES

Laboratory Tests	Results
pH	9
Viscosity	Approximately 30,000 cps
Density	1.3 g per mL
Weight	10.9 lbs. per U.S. gal. (1.3 kg per L)

SHELF LIFE AND PRODUCT CHARACTERISTICS before mixing

Shelf life (<i>Mapelastic AquaDefense</i>)	2 years when stored in original, unopened packaging at 73°F (23°C)
Physical state	Liquid
Color	Light bluish green when wet; light green when dry
Shelf life (optional <i>Reinforcing Fabric</i>)	Unlimited when stored in original, unopened packaging at 73°F (23°C)
Storage	Store in a cool, dry place.

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

APPLICATION PROPERTIES at 73°F (23°C) and 50% relative humidity

Flash point (Seta flash)	Nonflammable
VOCs (Rule #1113 of California's SCAQMD)	0 g per L
Drying time between first and second coats	When light green and dry to the touch
Drying time after second coat (before applying ceramic tile or stone)	About 30 to 50 minutes (when light green and dry to the touch)
Drying time before flood-testing	After 12 hours
Final dry thickness (2 coats)	About 20 mils at minimum (about credit-card thickness)
Freeze/thaw stability (liquid)	Up to 5 cycles at 32°F (0°C)

PACKAGING (*Mapelastic AquaDefense*)

Size	Approximate Coverage (per 2 coats)*
Pail: 1 U.S. gal. (3.79 L) – 4-pack	60 sq. ft. (5.57 m ²)
Pail: 3.5 U.S. gals. (13.2 L)	210 sq. ft. (19.5 m ²)
Pail: 5 U.S. gals. (18.9 L)	300 sq. ft. (27.9 m ²)
Drum: 55 U.S. gals. (208 L) – special order	3,300 sq. ft. (307 m ²)

* Coverage shown is for estimating purposes only. Actual jobsite coverage may vary according to substrate conditions, concrete profile and porosity, type of equipment used, thickness applied, handling and application procedures.



PACKAGING

(optional *Reinforcing Fabric*)

Size	Coverage
Roll: 6" x 75' (15 cm x 22.9 m), 8 per box – To reinforce over cracks, control joints, corners, coves and floor/wall penetration	37.5 sq. ft. (3.48 m ²) per roll
Roll: 38" x 75' (97 cm x 22.9 m), 1 per box – To reinforce around drains or main area to be waterproofed	237.5 sq. ft. (22.1 m ²) per roll

PACKAGING

(*Mapeband* waterproofing accessories)

Size and Color

Drain flashing (blue): 16.75" x 16.75" (43 x 43 cm)

Cove roll (blue): 4.75" x 163 ft. (12 cm x 49.7 m)