

OVERVIEW & BENEFITS:

Tenax Anti-Efflorescence is a water-based protective treatment designed to prevent efflorescence, which occurs when soluble salts migrate to the surface of porous materials and leave behind visible white deposits. This phenomenon is common in marble, natural stone, concrete, and ceramic installations, especially in high-humidity environments or where water exposure is frequent. The product is tested for capillary absorption with contrast liquid and Adhesion strength according to UNI EN 1015-12-2016 modified. By applying Tenax Anti-Efflorescence on the back side and edges of marble slabs before installation, it creates an invisible barrier that stops minerals, salts, and contaminants from rising through the material. As a result, surfaces maintain their original aesthetic quality, avoiding discoloration or unsightly stains.



KEY FEATURES:



Stops Efflorescence Before it Starts

Prevents stains from surfacing rather than treating them afterward.



Eco-Friendly, Water-Based Formula

Safe for indoor and outdoor use without harmful solvents.



Long-Lasting Protection

Once applied, the barrier remains permanent without frequent reapplications.



Preserves the Natural Beauty of Stone

Ensures colors remain rich and unaltered over time.



Compatible with Multiple Surfaces

Works effectively on marble, granite, quartzite, ceramic, and other stones.

APPLICATION PROCESS:

Surface Preparation

- Ensure the back surface of the stone is completely clean, dry, and free from dust or glue remnants before proceeding.

Applying Tenax Anti-Efflorescence

- Use a paintbrush, roller, or airless spray gun to apply an even layer across the back surface and edges.
- Avoid pooling or excessive application, as a thin and uniform coat ensures the best absorption.
- Before the first coat dries completely (typically within 10-20 minutes), apply the second coat to enhance durability.

Coating Process

- Apply the initial layer thoroughly, ensuring all sides are well-covered.
- While the first coat is still wet, apply the second coat (wet-on-wet technique) to enhance penetration and bonding.

Note: Wet-on-wet refers to applying a new layer before the previous one has dried, promoting better absorption and a uniform finish.

Drying & Curing

- Allow the treated surface to dry naturally for at least 24 hours before installing the stone.
- Ensure proper air circulation to speed up drying and improve absorption into the material.

TECHNICAL DATA:

Property	Value
Appearance	Transparent Liquid
Odor	Characteristic, Slight
Specific Gravity (at 20°C)	Approx. 0.95 - 1.15 g/cm ³
Drying Time (Touch Dry)	1-2 hours (Depending on Temperature & Humidity)
pH	13
Full Cure Time	24 hours

RECOMMENDED USAGE:



Natural Stone Installations

Prevents efflorescence in marble, granite, quartzite, travertine, and limestone.



Outdoor & High-Moisture Areas

Ideal for facades, paving, showers, pools, and countertops.



Wall Cladding & Flooring

Protects against staining from water, adhesives, and environmental salts.

COVERAGE:

Material Type	Coverage Per Liter
Compact Stone eg. Granite	250-300 sq. ft
High Absorbing Stone eg. Sandstone	120-150 sq. ft.

SKU AVAILABLE: 1L

DOS AND DON'TS:

Category	Do's	Don'ts
Application Area	Apply on back and edges of slabs/tiles before installation	Do not apply on polished or glossy surfaces
Surface Prep	Ensure surface is clean and dry before application	Do not apply on wet or dusty surfaces
Usage	Use brush, cloth, sponge, or airless pump for even coverage	Do not dilute the product
Drying	Allow at least 24 hours drying before laying	Do not walk on treated surface immediately
Testing	Test on a sample or hidden corner first	Do not skip compatibility check
Conditions	Apply in shaded area, away from direct sunlight	Do not apply under strong sunlight

SHELF LIFE:

The product will last at least 2 years in normal condition between 25-30°C, kept away from source of heat, humidity and sunlight.



Pidilite Industries Limited, Ramkrishna Mandir Road, P. O. Box No. 17411, Andheri (E), Mumbai - 400 059

DISCLAIMER: While the company guarantees its products against defective materials, the use and application of these products are made without guarantee since the conditions of their application are beyond its control. It is recommended to verify with the company that the product is suitable for the intended use, and that this Data Sheet version is the latest one. The company may modify it without prior notice. Technical characteristics are listed for guidance only. For more information, please contact the company office in your location.