

Aqua Mix Technical Bulletin #6: REMOVAL OF EFFLORESCENCE

Purpose: To remove white mineral residue (efflorescence) from tile, stone, masonry or grout surface

Product Recommendation: Eff-Ex® (Notes A, B & C)

Equipment: Synthetic mop and bucket with wringer and scrub brush

Coverage: Approximately 30 - 125 sq. ft. (3 m² - 12 m²) per gallon (3.78 L)

Procedure:

1. Always test a small area first to ensure satisfactory results.
2. Apply undiluted per product directions.
3. Allow to dwell on surface for 30 to 60 minutes. For heavy efflorescence, allow a 60-minute dwell time.
4. Do not allow to dry on surface, apply additional product if necessary to keep wet.
5. Agitate with a scrub brush. A low RPM (175 to 350 RPM) scrub machine may be used.
6. Mop up or wet-dry vacuum dirty solution.
7. Rinse thoroughly with clean water agitating with a scrub brush to ensure removal of cleaning agents.
8. For exterior areas, a hose or high-pressure water sprayer may be used.

Note A: If efflorescence is entrapped below a non-breathable sealer, follow directions of Technical Bulletin #10 to remove sealer prior to efflorescence removal.

Note B: Not recommended on polished marble, limestone and travertine as it may lightly etch polished surfaces.

Note C: If efflorescence has been allowed to crystallize on surface, it may be necessary to use an acidic cleaner such as Aqua Mix Phosphoric Acid Substitute. This acidic cleaner will etch polished marble and other acid-sensitive surfaces.

These recommendations are intended as guidelines for the removal of efflorescence. The actual cleaning requirements may vary depending on method of application, and amount of efflorescence/ hard water present. READ PRODUCT DIRECTIONS THOROUGHLY PRIOR TO USE. ALWAYS TEST FIRST. KEEP SURFACE CLEAN AND DRY TO REDUCE POSSIBILITY OF SLIP-FALL ACCIDENTS.