



Penetrating, moisture-blocking solution for existing concrete. Useful as an alternative to epoxy moisture mitigation.

E5® Shield acts as a densifying agent, reducing porosity and enhancing the material's resistance to moisture ingress. In hospitals, this can contribute to safer environments by preventing the growth of mold and mildew, which thrive in damp conditions.

Designed with E5® Nano Silica, E5® Shield increases pozzolanic reactivity at the concrete's surface to form permanent, insoluble bonds in Portland Cement Concrete (PCC).

Excess moisture in concrete poses a significant threat to floor coverings, leading to various damaging effects. For existing concrete, **E5® Shield** maintains optimal moisture levels in concrete which can trigger adhesive failure. Adhesives used to secure flooring materials depend on a stable substrate, and excess moisture can compromise their bonding capabilities, resulting in detachment and a weakened foundation for the floor covering.

E5® Shield provides a warranted solution for managing and preventing excess moisture in concrete, essential for preserving the longevity and performance of floor coverings in various settings.

Features & Benefits

- Reduce MVER
- Lowers permeability of existing slabs
- Eliminates dusting
- Reduces hydrostatic pressure
- Water based solution
- Zero VOC
- Non-Toxic

Compatibility

E5® Shield can be highly effective on its own or in combination with other E5® admixtures. If using multiple admixtures, it is critical to add each one individually to the concrete mix to ensure fullest efficacy and to provide desired results.

Application

Apply **E5® Shield** to concrete surface, holding tip 6-24 inches (15-60 cm) above the surface and moving side to side to achieve even distribution. Apply additional product as needed.

Coverage

150-450 sf/gal
1-3 Applications Required

It is recommended that concrete trial mixes be conducted to determine the correct dosage rate for your particular materials and ambient conditions. For more information about the use of this product, please contact your local E5® Representative or the Technical Services Department at 1-888-881-1726.

Environmental Benefits

Zero VOC formula
Non-hazardous
Bio-degradable

Packaging

Size	Gallons	Liters
Pail	5	19
Drum	55	209
Tote	275	1041

Storage Instructions

Do not break seal until product is ready for use. Maintain unused product in the original container. Store in a well-ventilated, cool and dry location at temperatures between 40°-130°F (4° - 54°C). This product has a shelf life of 18 months in its original unopened container. **It is EXTREMELY important to protect from freezing, direct sunlight, and UV exposure.**



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