

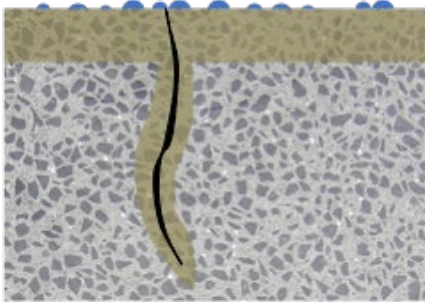
**PoreShield™ (SME-PS) is a long-term Concrete Durability Enhancer**

PoreShield is a new technology based on soy methyl ester-polystyrene (SME-PS). It is a cost effective, high performance, non-hazardous, concrete durability enhancer for all densities of concrete, new or old

- **Can be applied topically in place of common penetrating sealers. However, it performs very differently.** It is a long-term (10+ years) durability enhancer protecting concrete from premature damage that begins on the inside, caused by moisture, salt, deicing & freeze/thaw conditions. PoreShield fills pores & creates a flexible, continual self-sealing, hydrophobic barrier that is both preventative & curative.
  - Defends concrete from moisture ingress
  - Blocks ion transfer into concrete: Ca, Cl, Mg, etc.
  - Prevents Calcium Oxychloride formation
  - Arrests ASR (Alkali-Silica Reaction) deterioration
  - Inhibits staining & rebar corrosion.

**PoreShield Provides Continuous Long-Term Concrete Protection**

10+ Years Continuous Protection



PoreShield is absorbed into the pores to block fluid penetration from the inside. It is self-sealing remaining fluid, filling and protecting additional cracks as they form.

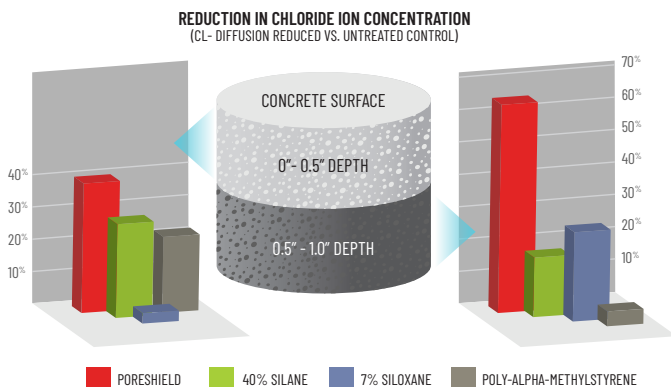
Intact after 300 freeze-thaw cycles



ASTM 666

**PoreShield Prevents Water Absorption & Inhibits Ion Diffusion**

WisDOT Study



Prevents CalOxy formation & ASR damage



PoreShield inhibits fluid absorption and diffusion of ions like chloride and calcium

**Non-Toxic & Sustainable**

- Low VOC (43.3 g/L): meets national standards for EPA VOC, as well as CARB, SCAQMD, OTC, & AIM
- Environmentally safe: land, air & water
- Safe for workers: does not require PPE
- Renewable, Biobased & Biodegradable
- USDA BioPreferred & Federal Purchasing certified

**Easy to Use**

- Easy & fast application: horizontal & vertical surfaces using sprayer
- Easy clean-up: soap & water
- Can apply in low temps (to 20F)
- Works on all densities concrete
- Quick & simple surface preparation
- Cost effective