

PERMEATE™

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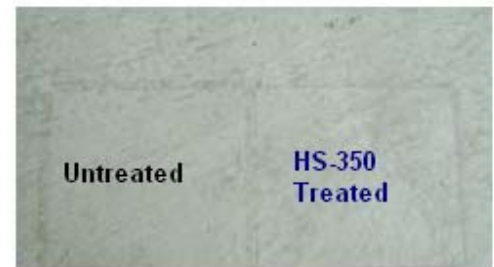
HS-350 CONCRETE SUBSURFACE SEALER

Make It Last and be Maintenance-Free ...

PERMEATE™ HS-350 IS A SPECIAL INORGANIC SILICATE COATING FOR CONCRETE DEVELOPED BY D & D CORPORATION IN JAPAN. HS-350 PENETRATES JUST BELOW THE SURFACE OF CONCRETE AND PLUG ALL PORES, PROTECTING INTERIOR FROM ENVIRONMENT. UNLIKE MANY OTHER SEALERS AND COATINGS, BY PLACINGS HS-350 PLUG RIGHT BENEATH THE SURFACE OF THE CONCRETE, THE APPEARANCE OF THE CONCRETE DOES NOT CHANGE AFTER TREATMENT. HS-350 IS A VERY DURABLE INORGANIC POLYMER AND HIGHLY RESISTANT TO NATURAL UV DEGRADATION LASTING DACADES.

BENEFITS

- SEAL ALL PORES AND HOLD ON TO IT
- PROTECTS FROM WATER / SALT / ACID/ GAS PENETRATION
- ALLOWS WATER VAPOR EVAPORATION
- PREVENTS OXIDATION/CHLORIDE PENETRATION
- PREVENTS FREEZE THAW CYCLE DAMAGE
- PREVENTS CARBONIZATION
- PREVENTS CONCRETE DEGRADATION / CRACKS
- EASY & FAST APPLICATION
- MULTIPLE COATING NOT REQUIRED
- REAPPLICATION NOT REQUIRED - NO MAINTENANCE
- HEAT & FIRE RESISTANT MATERIAL
- ENVIRONMENTALLY FRIENDLY (NO SOLVENT/NO ODOR)
- MAINTAINS THE ORIGINAL CONCRETE APPEARANCE
- HIGHLY RESISTANT TO UV RAYS (INORGANIC)
- SEMI-PERMANENT (NO CHANGE AFTER 20+ YEARS)



↓ Water Added



Water was poured over concrete surface.
Marks around areas were made by adhesive tapes

Also Available: **HS300 Surface Sealer Paint**

COMPARISON

	PERMEATE HS-350	SILICATE TYPE SEALER	SILANE TYPE SEALER
MECHANISM Cross Section of Concrete is shown	<p>HS-350 Burrow Microhole</p>	<p>POLYSILICATE Burrow Microhole</p>	<p>SILICATE Burrow Microhole</p>
Water Repellency	EXCELLENT	POOR	GOOD
Protect Oxidation	EXCELLENT	POOR	POOR
Expected Life	20+ YEARS	SHORT	SHORT
Appearance Change	NO	YES	NO

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