

NATURAL SHIELD

Industrial Flat Finish Sealer

SEMCO

modern seamless surface

SURFACE ENGINEERING COMPANY

Technical Product Information

PRODUCT DESCRIPTION

SEMCO's Natural Shield is an exceptional waterproofing sealer that excels under the most demanding circumstances. Natural Shield's low molecular weight allows for excellent penetration. Natural Shield fills into the pores of the substrate, in which chemical reaction follows, that creates a solid, but breathable membrane. Natural Shield provides long lasting protection for a vast array of surfaces in which it leaves a natural finish. It has durability and performance of a solvent-based system, but with the easy application and clean-up of water-based products. Natural Shield's performance allows to be used in commercial areas to protect your surface and decrease maintenance efforts.

FEATURES / BENEFITS

- Excellent penetration
- Can be applied on damp surfaces
- Highly alkaline resistant
- Effective against freeze-thaw damage
- Unaffected by ultra-violet rays
- Increase life of mortar, tiles, stucco, brick and natural stone

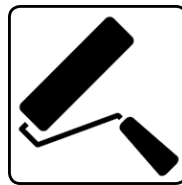
APPLICATION



AIRLESS SPRAYER
tip size 15
400 PSI



PUMP SPRAYER
3 coats minimum



ROLLER
3 coats minimum

SUBSTRATES

- Existing concrete
- X-Bond System
- Pre-Stain System
- Stucco
- Slump block
- Block wall
- Tilt-up wall
- Porous natural stone



APPLICATION AND SPECIFICATIONS

Application procedure	Apply wet on wet require 3 coats, do not allow each coat to dry
Drying time	30 min at 72°F, 10 min between coats at 72°F
Cure time	4 days at 100°F, 7 days at 72°F
Color	Milky white
Chemical type	Silane and Siloxane
Clean up	SEMCO Stone Soap with water
Shelf life	3 years
Useful life	3 years
Packaging	1 Gal. pail, 5 gal. pail, 55 gal. drum

COVERAGE (sq. ft. per gallon)

Polished Concrete	150-250
Artificial Stone	200-250
Stamped Concrete	300-350
Below Grade	150-200

TEST RESULTS*

Used automobile oil	Good
Transmission fluid	Good
Water	Excellent
Alkali resistance	Excellent
Hydrochloric acid (10%)	Good

FLOORS | WALLS | POOL DECKS | WATERPROOFING
REDEFINING THE ART OF SURFACE CREATIVITY FOR OVER 25 YEARS USING GREEN MATERIALS