

X-BOND SEAMLESS STONE

Resurfacing Made Easy

SEMCO

modern seamless surface

SURFACE ENGINEERING COMPANY

Technical Product Information

PRODUCT DESCRIPTION

SEMCO's most innovative custom engineered product is X-Bond Seamless Stone, which is the core element in both the SEMCO Remodel without Removal™ and SEMCO's ADA Safety Floor systems. It creates chemical bond at the molecular level to any solid surface. X-Bond Seamless Stone is a zero VOC hybrid of natural stone and advanced cross-linking technology. Perfect for floors, walls, pool decks and waterproofing.

FEATURES / BENEFITS

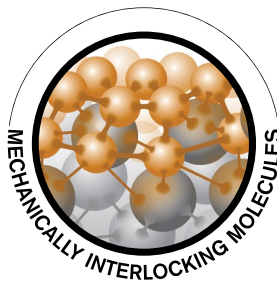
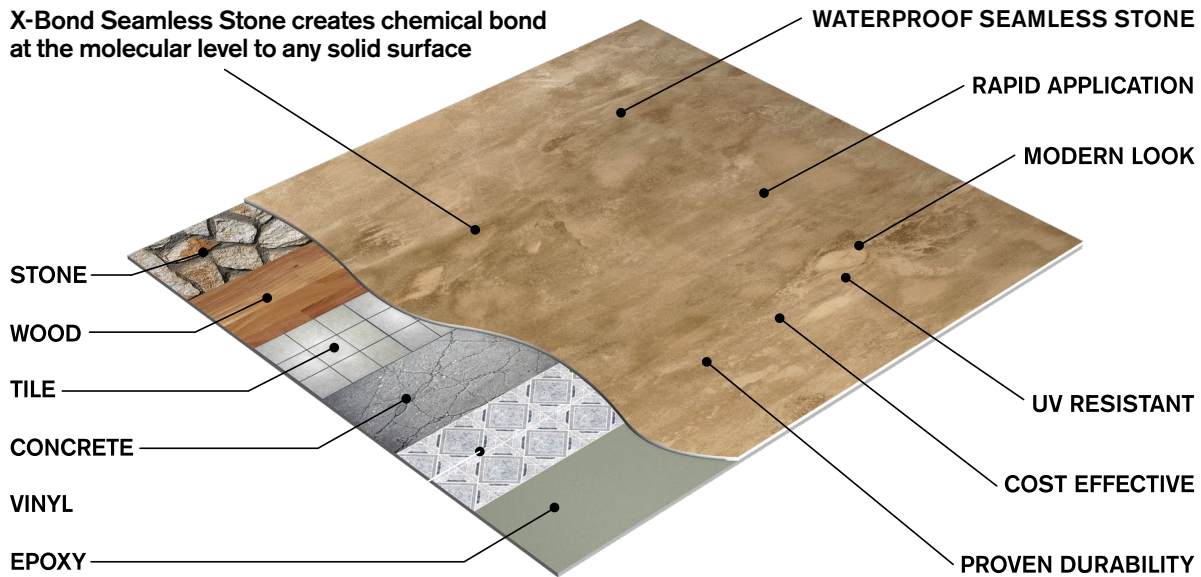
- Flexible waterproof membrane
- Breathable and chemical resistant
- Minimizes remodeling waste disposal
- Interior, exterior, and below grade application
- Can be safely used in confined areas
- UV and freeze-thaw damage resistant

SUBSTRATES

- Concrete surfaces
- Coated surfaces
- Ceramic tile
- Wood surfaces / decks
- Vinyl / VCT surfaces
- Natural stone
- Metal, glass and plexiglass



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

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SPECIFICATIONS

Drying time	2 hours at 72°F
Cure time	24 hours
Color	White powder and white liquid
Chemical type	Polymer modified stone
Clean up	Water
Shelf life	1 year in unopened containers
Packaging (X-Bond Liquid and X-Bond Stone)	1 gal. pail, 5 gal. pail, 55 gal. drum / 50 lb bag

COVERAGE (sq. ft. per 2 gallons of X-Bond Liquid and 1 50 lb bag of X-Bond Stone, coverage is based on 1/8" application)

Existing concrete	60-75
Painted surface	60-75
Ceramic tile	55-75
Vinyl tile	60-75
Natural stone	50-100
Metal	60-75

TEXTURE OPTIONS

Color Bond	Creates a smooth and seamless surface. A generally solid color with very slight variations. Suitable for floors and walls
Natural Grain	Creates a vibrant and moving surface, unseen by any other material. Suitable for floors only
Polished Bond	Designed to create multiple color variations within itself. Suitable for floors and walls
ADA Safety Floor	Engineered to assist in remodeling projects which require ADA compliance in Coefficient of Friction (slip resistance), Surface Slope Regrading, and Surface Aperture Closure

TEST RESULTS*

Surface temperature reduction	Up to 32°F versus standard concrete surface
Used automobile oil	Excellent
Transmission fluid	Good
Brake fluid	Good
Water	Excellent
Alkali resistance	Excellent
Hydrochloric acid (10%)	Good
Corrosive Chemicals	Good

LABORATORY RESULTS*

ASTM D-3960 - Volatile organic content (VOC)	0 g / L
ASTM D-3194 - Water content	48.9%
ASTM D-2369 - Non volatile residue	25.9%
ASTM C 1028-6 - Coefficient of friction (mineral)	0.93 dry, 0.92 wet
ASTM C 1028-6 - Coefficient of friction (all finishes)	0.78 dry, 0.63 wet
ASTM C 109 / C109M - 8 - Compressive strength	27 MPa = 3,800 PSI
ASTM C 674 - Modulus of rupture	2,200 PSI
ASTM D 4060-07 - Abrasion resistance, metal	1022 cycles w/ .05 mil loss
Water permeability test	No dampness or formation of water
AASHTO E84 Test Method for Surface Burning	Class A
ASTM D635 Test Method for Rate of Burning	Met passing criteria for HB classification

*Tests are based on Semco Modern Seamless Surface experience unless otherwise noted.

PRECAUTIONS

Always test a small area first to determine ease of application and desired results. Gloves and eye protection should be worn during application. Do not mix with other cleaners. Not for use on humans or animals. If any contact with skin or eyes occurs, wash immediately with plenty of water. Be sure to read container label and Material Safety Data Sheet before using this product.

LIMITED WARRANTY NOTICE

SEMCO Modern Seamless Surface warrants that its products will meet their specifications. There are no other warranties, expressed or implied of merchantability or fitness of use. The only obligation of the seller-manufacturer shall be to replace material found to be defective. SEMCO Modern Seamless Surface will not be liable for labor or consequential damage of any kind. The information contained herein is, to the best of our knowledge and belief, true and accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. All chemicals may present unknown health hazards and should be used with caution.



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