

Sikagard® - WB Wall System

Water-Based, Epoxy Wall Coating System at 12 to 22 mils

Description Sikagard®-WB Wall system is a water-based high build wall and ceiling coating system utilizing an epoxy base coat and an optional water-based hybrid acrylic and polyurethane as finish coat for color stability.

Where to Use

- Pharmaceutical, biotech and cosmetic manufacturing facilities
- Food and beverage processing facilities
- Health care facilities
- Operating rooms, scrub rooms, intensive care and therapy rooms
- Clean rooms and sterile environments for pharmaceutical, animal research and electronic facilities
- Clean in place (CIP), Vessel wash and cage wash areas
- Commercial kitchens, dishwasher and waste disposal areas
- Environments where high impact walls are required

Advantages

- Water based, low VOC's
- Breathable
- Excellent penetration and adhesion
- Easy application
- Can be spray applied
- Reduced recoat times
- Economical

TYPICAL DATA

RESULTS MAY DIFFER BASED UPON STATISTICAL VARIATIONS DEPENDING UPON MIXING METHODS AND EQUIPMENT, TEMPERATURE, APPLICATION METHODS, TEST METHODS, ACTUAL SITE CONDITIONS AND CURING CONDITIONS.

Sikafloor 2540 W NA Properties Tested at 73°F (23°C) and 50% R.H:

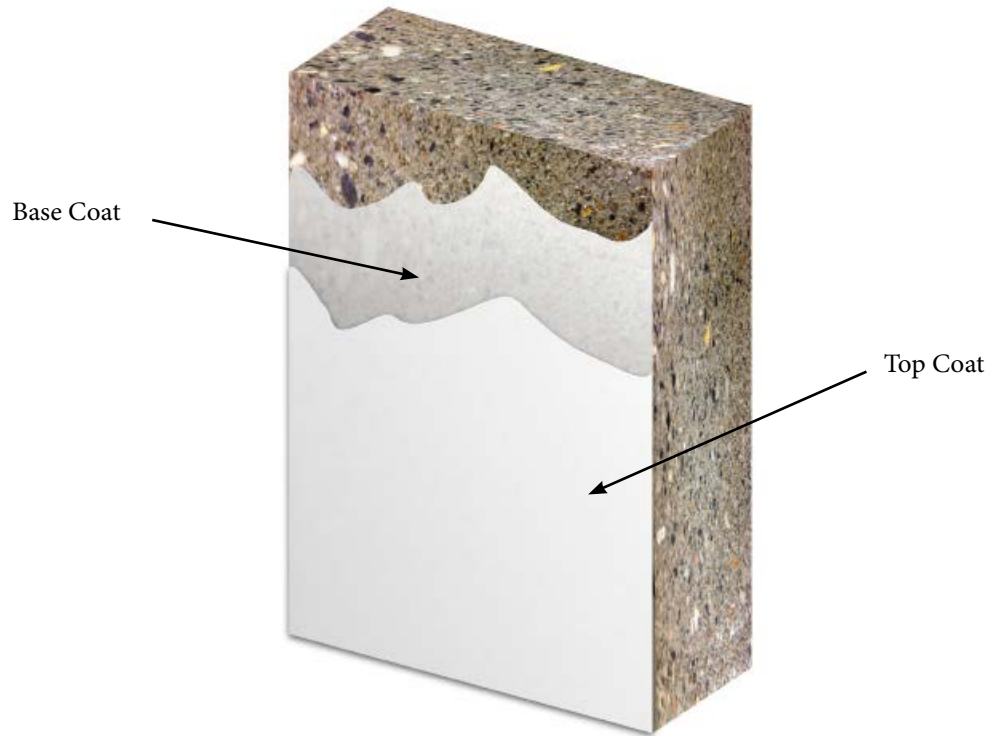
VOC	6 g/l	90
Shore D Hardness:	ASTM D2240	
Tensile Strength Resin:	ASTM 4541	>290 Psi (>2 Mpa)14 days
Impact Strength:	ASTM D2794	0.45 ft-lbs
Elongation at Break Resin:	ASTM D638	~ 3.8
Water Absorption	ASTM C413	6.85%
Permeability to Water Vapor	ASTM E96	3.96 Prem

System Build Up

Coating	Product Name	Typical Thickness (mils)
Base Coat	Sikafloor-2540 W NA	6 - 8
Top Coat	Sikafloor-2540 W NA	6 - 8
Optional 2nd Coat ¹	Sikagard 307 W	4 -6
Optional 2nd Coat ²	Sikafloor-316 N	4 -6

¹ Sikagard-307 W optional 2nd top coat on top of Sikafloor-2540 W NA for a high gloss finish, chemical resistance and good color stability.

² Sikafloor-316 N optional topcoat on top of Sikafloor-2540 W NA for increased chemical resistance.



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