



The World's Greatest New Age Construction Materials

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IRN – Liner WP Sealer™

**THE INDUSTRY LEADING TECHNOLOGY:
 CEMENTITIOUS BASED POLYMER ENHANCED BREATHABLE WATERPROOFING**
For sealing Block, Concrete and other Masonry

IRN – Liner WP Sealer: Waterproof Sealer

The industry leader in **polymer cement sealer** technology. Designed to be used on concrete, concrete block and other masonry as a waterproofing sealer. Resists both positive and negative hydrostatic pressure yet remains breathable.

Advantages

- **Helps protect building interiors from dampness and moisture**
- **Remains breathable, allowing interior moisture to escape through coating**
- **Resists positive and negative hydrostatic pressure**
- **Can be top coated or painted with a variety of high performance and architectural coatings**
- **Can be applied by brush, or sprayed**
- **Hides minor surface defects depending on application thickness.**

Primary Applications:

• Interior and Exterior application	• Vertical and horizontal surfaces
• Above and below grade	• Interior Waterproofing under paint or drywall
• Protects reinforcing steel	• Concrete repair
• Repairs surface	• Moisture vapor mitigation

Product Description:

Material is packaged in pre-measured kit yielding 0.41 cubic feet (0.014M³)
 Standard Color: Cement Gray

TECHNICAL INFORMATION:

Compressive strength:	ASTM C-109	2 Days > 2,000 PSI (13.7Mpa) 7 Days > 8,000 Psi (55MPa) 28 Days > 10,000 Psi (69 Mpa)
Flexural Strength:	ASTM C-348	24 Hours 795 Psi (5.5 Mpa) 28 Days 1270 Psi (8.8 Mpa)
Splitting Tensile Strength:	ASTM C-496	24 Hours 490 Psi (3.4 Mpa) 28 Days 605 Psi (4.2 Mpa)
Adhesion to Concrete:	ASTM D-7234	Substrate Failure > 440 PSI (3 Mpa)
Hydrostatic Pressure:	CRD C 48	Positive Resistance: No Leakage Negative Resistance: No leakage
Spraybar Test	ASTM C-1601 (modified)	24 Hours: Pass

Commercial Lining Solutions



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Packaging:

Pre-packaged in 0.41 cubic foot kits (0.014M³)
 Each kit is comprised of 3 components (A, B and C)

Application Thickness	Coverage/Kit
1/16" (50-65Mils)	80-100 Ft ² (7-9M ²)
1/32" (25-33Mils)	160-200 Ft ² (14-18M ²)

Preparation:

Surface must be clean, in sound condition and surface saturated dry. Remove all oil, dust, grease, dirt, loose rust, and other foreign material to ensure adequate adhesion.

**Concrete & Masonry:
 SSPC-SP13/NACE 6,
 (ICRI No. 310.2R, CSP 3-5)*

APPLICATION INFORMATION	
Pot Life:	>90 Minutes (@77°F/25°C)
Recoat Time for additional coat:	Minimum: As soon as firm enough to accept Maximum: Unlimited
Open Time for Fresh Concrete/Repair Mortars: *** DO NOT ALLOW PRODUCT TO FREEZE ***	80°-95° F (26°-35°C) 7 hours 65°-79° F (18°-26°C) 14 hours 50°-64° F (10°-17°C) 18 hours

Mixing:

Pour both A and B Component into a container large enough to hold all components (Such as a 5 gallon pail). Mix until liquids are uniformly blended. Material shall only be mixed on slow speed utilizing a mechanical mixer blade. Slowly sift "C" Component into the liquid while continuing to mix. Do not dump all of "C" Component into the liquids at one time. Mix for a minimum of two minutes or until consistent color and texture has been obtained.

For bulk mixing options, please consult with DD Synergy Technical Specialist

Application:

Mason's brush, or spayed. If Sprayed it needs to be brushed immediately after it is transferred to the surface. Material can be transferred to the surface by utilizing hydraulic spray equipment (i.e. Graco M680 or S340e Mortar Pump). Trowel marks can be smoothed by using a damp sponge that has been wrung out. If product begins to thicken while standing, do not add more water. Simply re-agitate with mixing equipment to loosen up again. Auger style mixing unit can be utilized to mix multiple units for larger volume application. Please discuss details and methodology with DD Synergy technical specialist.

D&D Synergy warrants our products to be free of manufacturing defects in accord with applicable quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE, EXPRESSED OR IMPLIED, STATUTORY, BY OPERATION OF LAW OR OTHERWISE, INCLUDING SALEABLE OR SUITABLE FOR A PARTICULAR PURPOSE.