



TECHNICAL DATA SHEET

GENERAL DESCRIPTION
– SUBJECT TO CHANGES OR DEVIATIONS

Insitu[®] Waterborne Clear Primer WRA-AC-028

PRODUCT DESCRIPTION

Insitu[®] Waterborne Clear Primer is a solvent free synthetic flexible polymer coating designed to be used as part one of a two coat protective system. It is designed for harsh conditions that require additional protection of CRG and pre-painted steel substrates. This applied primer is then followed by an Insitu[®] finish topcoat to complete the protective system.

BENEFITS OF USING INSITU[®] SPRAY-APPLICATION PROCESS

- Modernized, fully-licensed and permitted facilities
- Applied in our facilities or on-site
- A post-manufacturing coil and cabinet coating application
- Applied by certified applicators
- Excellent corrosion and UV resistance make it suitable for coastal environments
- Extends the operational life of the unit cabinetry

COMPATIBILITY

Insitu[®] Clear Primer is multi-metal safe for use on yellow metals including copper, bronze and brass, aluminum, CRG, pre-painted steel and composites.

INSITU[®] GRAY PRIMER IS SUITABLE FOR THESE TYPES OF EQUIPMENT

- Packaged Rooftops
- Condensing Units
- Modular Air-handlers
- Air-cooled Chillers
- Interior & exterior HVAC cabinetry

TECHNICAL PROPERTIES

PROPERTY	TEST METHOD	PERFORMANCE
Salt Spray	ASTM B117	Exceeds 2,000 hours
Pencil Hardness	ASTM D3363	HB
Cross Hatch Adhesion	ASTM D3359	5B
Humidity	ASTM D2247	500 hours
UV Resistance	ASTM D4587	500 hours
Mandrel Bend (Flexibility)	ASTM D522M	Passed 1/4 inch
Direct Impact	ASTM D2794	Passed 160#

RESISTANCE TO:

CORROSION RESISTANCE

Insitu[®] primers are made from high-performance polymers that have increased corrosion resistant additives incorporated for application over pre-coated ferrous sheet metal. Corrosion resistance is achieved after the final finish layer has been applied over the primer.

MOISTURE

The primer, when finished with an Insitu[®] topcoat, slows the passage of water molecules into the film mitigating osmotic transference of moisture acting as an effective barrier.