



TECHNICAL DATA SHEET

Infrastructure Aqueous Primer Sealer

**INFRASTRUCTURE
REPAIR SYSTEMS, INC.**
Phone: (727) 327-4216
Fax: (727) 327-4118
Email: irsi@irsi.net
Web: www.irsi.net

DESCRIPTION:

Aqueous Primer Sealer WB 116 is a 2 component, amine adduct, water based, epoxy resin, primer system designed for the increased adhesion of topcoats and the sealing of brick or concrete structures, manholes, sewer pipes, lift stations, ect. When mixed, this water borne system forms a low viscosity liquid that will quickly penetrate these substrates without the use of harmful VOC's (Volatile Organic Compounds). Upon curing it forms a tough, clear, moisture resistant barrier coat between the substrate and the topcoat or adhesive, it also provides a much better bond between them.

This system is effective on green or seasoned concrete, damp or dry, but as with all adhesive sealers the surface needs to be properly prepared and should be clean and grease free for proper adhesion.

After mixing the material it should be used in less than 20 minutes, there will be no noticeable viscosity increase or other signs to signify the end of Pot Life. Brush, Spray, or Squeegee the material on in a thin film to the entire area to be coated but do not allow the material to pool-up in low spots. The cure time is dependent on relative humidity and ambient temperature, material is ready for bonding when it turns clear and hard, any small white spots are moisture captured under the epoxy film and may be punctured to allow the water to escape from them. After the material cures it should be recoated or top-coated within 24 hours if more time elapses a light sanding or solvent wash may be necessary.

	A-Side - Resin	B-Side - Curing Agent
Appearance:	Thin White Syrup	Clear Yellow Syrup
Temperatures For Testing:	77° F.	77° F.
Viscosity RV D @ 10 rpm	< 50 cps	5000 cps
Weight Per Gallon:	8.6 (+/- .1) lb/gal	8.6 (+/- .1) lb/gal
Mix ratio	2 Parts A to 1 Part B by Weight or Volume	
Working Time	< 20 minutes	
Set time	30 min to 2 hour depending on temperature and humidity	
Shore D Hardness:	75 (+/- 2)	
Temperature to apply	65° F and above	
Coverage per Gallon kit	200 to 300 Square Feet depending on substrate porosity	

This material is for professional use only, using adequate ventilation and protection from eye and skin exposure. Any information supplied with this material is given in good faith but should be verified by the end user, as is the suitability of the material for their application. The warranty of this