



SOLVENT BASED, HIGH-BUILD COPOLYMER WATERPROOFING SEALER

LG-2020 Gray

TechSeal LG-2020 is a copolymer coating. The unique formulation produces a tough rubber like membrane that waterproofs concrete, brick, masonry, and other below grade substrates.

Product Specifications

% Solids (volume/weight)	50%/60%	
Viscosity	12400 cps	Brookfield
Tensile Strength	600 p.s.i.	ASTM D 412
Elongation	800%	ASTM D 412
Moisture Vapor Permeability perm inches dry	.5 Perms	ASTM E 96
Hydrostatic Head Resistance	Pass @75psi, 1 hr	ASTM D5385
Adhesion to Concrete	11 lb/in	ASTM C836
Crack Bridging Test	Pass	ASTM C836
Water Absorption	2.5%	ASTM D570
Weight/Gallon	8.35 lbs	
Shelf Stability	18 months	
Application Temperature	10F to 100F	
Service Temperature	-35F to 180F	
Cure Time	2-6 hours	
VOC	3.5 pounds/gallon	
Coverage two coats at 70-84 sq ft/gal	25 – 30 mils (wet)	20– 25 mils (dry)

(Actual coverage will depend on the surface texture and porosity of the substrate)

Application

Avoid application when inclement weather is imminent.

Apply at indicated temperatures

Work material over and into irregular concrete and masonry surfaces to fill pinholes.

Do not apply to existing coating/surfaces that are not compatible. Perform appropriate test to verify adhesion using ASTM D 3359, Measuring by Tape, Method A. On the 0-5 scale, a minimum adhesion of 4A is required.

Surface Preparation

All surfaces must be clean, dry and free of grease, oil, and form release agents.

New concrete or concrete masonry units (CMU) must be cured a minimum of 7 days...

Clean dirty surfaces using pressure wash, grinding or wire brush

Remove all wire ties, and fill all voids/cracks with good cement-based patching material.

Mixing

Mix LG-2020 at slow speed with a drill motor and mixing paddle.
Do not thin

Technique & Equipment

LG-2020 can be applied by brush, roller or airless spray. Never apply in less than two coats.

Spray: Back rolling is recommended after airless spray application

Roller: Saturate the roller and keep it loaded to obtain the required mils. Never dry roll. Back roll in one direction to achieve uniform thickness. Cross roll to achieve uniform thickness

Brush: Nylon brush application is recommended for bridging hairline cracks, coating bricks or recess joints, open pored texture surfaces

Clean-Up

Flush all hoses, equipment and tools with mineral spirits after use.

Caution!!!!

Avoid prolonged and repeated contact with skin. Do not take internally. Avoid breathing vapors during and after application. Use in well ventilated areas. Appropriate respirator (MSHA/NIOSH) must be worn by applicator and others in the area of application. **Do not use near open flame or burner. Keep away from heat, flame or sources of ignition. Keep out of the reach of children**

Storage

Keep LG-2020 cool in hot weather, warm in cool weather by storing indoors.

Warranty

Important: while the information and data contained herein are presented in good faith and believed to be reliable, they do not constitute part of our terms and conditions of sale. Nothing herein shall be deemed to constitute a warranty express or implied that said information or data are correct or that the products described are merchandise or fit for a particular purpose, or that said information data products can be used without infringing patents of third parties. TechSeal's sole warranty is that the product will meet the specifications at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase prices or replacement of any product shown to be other than as warranted



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