DryTex.LR3000

Liquid Rubber Waterproof Membrane

DRYTEX.LR3000 is a fluid applied, spray grade flexible seamless rubber membrane. With blend of synthetic polymers and special additives with good thyxotropic performance provides an effective monolithic air, vapor and water proof membrane when applied to most construction surfaces. Liquid Rubber is spray applied producing a chemical resistance SEAMLESS membrane with superior adhesion.



DRYTEX.LR cures to a tough monolithic, highly flexible seamless membrane, which brings state-of-the-art waterproofing technology with good adhesion to almost any solid substrate. Cold-applied by brush, roller, trowel or spray. Liquid Rubber application is FAST rapid curing, one coat, and substrate can be slightly damp.

USES

- Water proofing of most substrates.
- Provides an air, vapor and rain barrier to construction surfaces such as masonry, concrete, gypsum board and wood.
- Waterproofing and Protection of foundations, columns and beams.
- Water proofing, vapor, air protection of structures, roofs, podium etc.

FEATURES

- Joint less membrane when it cures with crack-bridging capabilities extremely versatile & high performance.
- Cold liquid applied Forms a waterproof, seamless membrane
- Tough durable – flexible, elastomeric and damage resistant.
- Excellent adhesion to most building substrates
- Efficient curing membrane to newly placed concrete
- Excellent resistance against chemicals (acids and alkalis)
- Environmentally friendly (Low VOC)
- Solvent free (without hydrocarbon solvent) cold applied and non-hazardous.

COFIRMATION

DRYTEX.LR confirms to ASTM standards and British standard BS protection of buildings against water, vapor and air, damp proofing, waterproofing and protection used in buildings.

Specification

PROPERTIES	VALUES
Specific Gravity	1.14
Volume Solids (%)	80%
Service temperature	-30C° to 120 °C
Application temperature	min 4C°
Surface Dry (Hrs)	30 min depends upon the climatic conditions.

engineered to perform

Physical Properties

Tensile strength	(ASTM D 412)	1.6 N/mm²
Elongation	(ASTM D 412)	≥1400%
Shore A hardness		40
Adhesion strength		2 N/mm²
Minimum thickness		1000 micron DFT
Viscosity		1400 cp
Heat Resistance	(ASTM G26)	3 hrs, Stable at 100°C
Water resistance	(ASTM D 466)	No re-emulsification
Cold temperature flexibility		No loss of flexibility: < - 40 ° C
Low Temp. Flexibility		PASS 1800 Bend at -300F (-340C)
Water vapor Permeance ,		
@1000 micron DFT	(ASTM E 96)	0.02 perms (1.73 ng/Pa x s x m²)
Air permeance	(ASTM E 2178)	0.002 L/s m²
UV exposure		Good
Coverage		1 m²/1.2litre@1000micron DFT

APPLICATION PROCEDURE

Surface Preparation

All surfaces must be sound, clean and free from dust, oil or grease and other loose materials. Surface may be dump but there should not be any standing water and can be applied to fresh freshly cast concrete too. Pre-patch unsound substrates prior to application. For repairs to concrete or masonry surfaces, consult ORGANIX -DRYTEX Coatings technical representative.

Crack Detailing

Cracks less than 1/16" wide can be bridged by spackling with suitable mastic. Cracks up to 1/8" wide should be grooved out to a width of ¼" to 3/8" and should be filled with suitable mastic. Cracks wider than 1/8" should be cut out and shaped in accordance with proper expansion joint detailing and geometry, and should be sealed with SEALFLEX sealants. Sealants should be cured a minimum of 24 hours before coating.

Coating Application

Apply in two coats with minimum total DFT of 1000 micron. The succeeding coats should be applied at right angles to the preceding coats. For best results allow each coat to dry then apply next prior to the surface becoming contaminated. If subsequent coats are applied to 'non-cured' coats, inter-coat bubbling may result.

Tools: Application may be by brush, roller, or airless spray.

Brush: Suitable for small areas and flashings. Use a synthetic bristle brush.

Roller: Recommended when coating small areas. Use a smooth roller.

Airless Spray: 4000 psi min. ½" hose min. 0.025 to 0.039 inch orifice reversible tip.

Storage

Shelf life one year in closed container.

Packing

Available in 20 litre Pail.

Health And Safety:

DRYTEX.LR is non-flammable, non-toxic and no health hazards.

Safety And Precautions

The use of gloves and goggles against splashes are recommended.

If in eyes, flush thoroughly with clean water, holding open to ensure trapped product may be flushed away. If swallowed, give water to drink and seek medical advice. If inhales, unlikely due to products viscosity, remove to fresh air and apply artificial respiration if required and seel medical attention. If on

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