



CreteSafe B-350

Superior Concrete Protection

LIQUID RUBBER CRETESAFE B-350

Product Description

CreteSafe B-350 is a spray applied protective and waterproof coating designed to set instantly to concrete surfaces to product a flexible rubber-like membrane. CreteSafe B-350 is comprised of a specific grade of bitumen emulsion which has been modified with elastomeric polymers.

Application of the Membrane

Recommended for warm climates CreteSafe B-350 is applied using the HVLP 2000, a dual diaphragm pump system, that is an easy to use and specifically designed spray system available from Liquid Rubber.

CreteSafe B-350 is sprayed concurrently with an inorganic salt solution which transforms the product as a liquid into a continuous rubberized membrane as it contacts with the concrete surface providing the following properties:

- Protection from water, salt and chemical attack
- Low water vapour permeability
- Methane and radon protection
- A protection membrane for PUF or EPS insulation
- No VOC content & No harmful odours
- Easy to apply and eliminates dangerous application processes

Drying time

At 25°C and 50% relative humidity, CreteSafe B-350 fully cures in 24-48 hours. Curing time increases in colder temperatures or higher humidity so environmental conditions must be considered before application.

Packaging

CreteSafe B-350 is available in:

- 1000 litre totes (IBCs)
- 205 litre plastic drum (55 Gal)

Physical Properties (liquid)

Color (Liquid)	Brown to Black
Specific Gravity	Apprx 1.03
Volatile organics	Contains no solvents
% solids (wt) (Liquid)	60 - 63%

Physical Properties (membrane)

Water vapor permeance	4.55 ng/Pa.s.m ² (ASTM 96)
Permeability ASTM E 96	0.071 ng/m/Pa/s
Impact resistance	Pass CGSB 37-GP-56
Accelerated Weathering (Xenon arc)	No degradation, 1000 hrs UV weatherometer
Tensile strength	>60 psi
Elongation	>1000%
Adhesion to Concrete	>20 psi (cohesive failure)
Biological Resistance	No Growth (ASTM E154)
Low Temp Flex	-20°C
Working temp range	-40°C to 80°C

Suitable Applications include but are not limited to:

- Commercial and industrial foundations
- Conduit and tunnel walls
- ICF Foundations
- Storage and process tank liners
- Retaining Walls
- Secondary protection of pond liners
- Concrete roof decks

Limitations & Warranty

- Do not apply to dirty or contaminated surfaces
- Do not apply below 5°C
- Avoid contact with solvents and solvent type adhesives

Liquid Rubber warrants its membranes to be free of manufacturing defects. Since methods of application and on-site conditions are beyond our control and can affect performance, Liquid Rubber makes no other warranty, express or implied with respect to its membranes.