

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 to remain flexible down to -20C for cold weather environments.

CreteSafe B-350 Performance Features

- Protection from water, salt and chemical attack
- Low water vapour permeability
- Methane and radon protection
- No VOC content & No harmful odours
- Low temperature flexibility to -20 Celsius
- A protection membrane for PUF or EPS insulation

Application Equipment

CreteSafe B-350 is applied using the HVLP 2000, a dual diaphragm pump system that is easy to use and has been specifically designed by Liquid Rubber. CreteSafe B-350 is sprayed concurrently with an inorganic salt solution that transforms the product as a liquid into a continuous rubberized membrane as it contacts with the roof deck surface.

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.

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

Physical Properties

Color (Liquid)	Brown to Black
% solids (wt) (Liquid)	60%
Tensile strength	>60 psi
Elongation	>1000%

Water Absorption (EN 1062)	0.0006 kg/m ² hr ^{0.5}
Adhesion to Concrete (peel)	33 lb/in – ASTM C-794
Low Temp Flex	-20°C
Freeze/Thaw Stability	Pass – 5 cycles

Limitations & Warranty

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

Packaging

- 1000 L IBC
- 205 L Drum (55 Gal)

The information contained herein is the best available to Liquid Rubber Canada Inc. and its affiliated companies relating to Liquid Rubber products and the use of Liquid Rubber products. It is based on tests believed to be reliable. There is no warranty expressed or implied in association with product use. Liquid Rubber Canada Inc. assumes no liability for any damages incurred in association with the use of Liquid Rubber Canada Inc. products. Information is subject to change without notice.