

Perma Seal Liquid Roof Coating 4300

Description

BEP Perma Seal Liquid Roof Coating 4300 is a white, moisture cure, UV stable, flexible, all-purpose, fully adhered, liquid applied roof coating that is designed to protect a variety of roof surfaces and substrates. LRC-Liquid Roof Coating 4300 creates a seamless, energy efficient, reflective roof membrane that is durable enough to withstand extreme weather conditions, including damaging temperature changes and is flexible enough to allow for substrate surface movements caused by thermal shock.

BEP Perma Seal Liquid Roof Coating 4300 is part of the BEP Perma Seal building envelope protection system.

Features/Benefits

- One-part system/No mixing necessary
- Single step application/No primers required
- Superior shore hardness/Prevents coating wear and tear
- Ideal viscosity/Low sag supports vertical tie in
- Self-leveling/Uniformed coverage
- Fast Cure/Prevents debris pick up
- Exceptional adhesion/Bonds to multiple substrates
- Advanced proprietary technology/Produces flexible seamless roofing membrane
- Environmentally friendly/Solvent free, isocyanate free, low VOC
- Wet surface application/Bonds and cures in wet conditions
- 100% Solids/No application shrinkage
- Durable formulation/Withstands ponding water

Approved Applications

Roof coating, parapet walls, roof flashing tie in

Application Methods

Apply using a roller, squeegee, brush or sprayer (specialized equipment required to spray).

Surface temperatures must be between 33° F - 100° F.

Surface areas to be coated must be clean, free of grease, oil, mill scale, dust or any other contaminants.

Hard finished concrete should be etched to optimize adhesion.

Large cracks and seams should be filled with BEP Perma Seal Crack and Seam Filler 4500 prior to coating application.

If additional coats of material are required, this product must be cleaned with approved solvent and brought back to tacky.



Coverage

300 sq. ft. per gallon at 5 mils.

150 sq. ft. per gallon at 10 mils.

100 sq. ft. per gallon at 15 mils.

75 sq. ft. per gallon at 20 mils.

Note: Coverage requirements and coverage rates may vary depending on substrate textures, conditions and application methods.

Packaging Options

5 Gallon Pail (4300-5)

Typical Properties

Cured Properties at 21 days:

Hardness, Shore A	55- 65
Tensile Strength	300 -350 PSI
Elongation	200-250%
Tear Strength	40-50 PSI
UV Exposure	Stable

Note: Cured film may yellow; however the color change will not affect the product performance and is not a result of degradation from UV exposure.

Uncured Properties:

Tack Free Time	<60 minutes
Cure Rate	1/8" – 16 hrs.

Note: Cure rates will vary based upon relative humidity of the application environment.

VOC Content	<30g/ liter
-------------	-------------



Dilution and Mixing

Apply as packaged. Do not dilute or alter.

Suitable Substrates

Concrete	Masonry	Steel
Aluminum		Wood
Pressure Treated Wood	Galvanized Metals	
EPDM		
Built Up	Single Ply Polyurethane Foam	

Note: Due to the wide variety of substrates, preparation methods, application methods and environments, always test a small area of substrate to validate desired result.

Approved Solvents

Mineral Spirits	Denatured Alcohol	VM&P
Methyl Acetate (VOC Exempt)		

Standards Testing Compliance

- ASTM D-412 - elongation
- ASTM D-2240 - hardness
- ASTM D-2370 - tensile strength
- ASTM D-1004 - tear resistance

Staining

Stains from substrate may transfer but will not alter performance of product.

Product Color

White

Shelf Life/ Storage

12 months from manufacture date
Store below 80°F

Ordering / Technical Information

Contact Dominus Innovations: 813-279-1902

Limited Product Warranty

Since many factors affect the results obtained from this product, manufacturer warrants only that this product is free from defects. Manufacturer will replace at no charge any product proven to be defective within 12 months of purchase.

The data provided pertains to this BEP Perma Seal product and is based on the information available at this time. The addition of reducers or any other additive to this product may alter its composition. Since we do not control the use of this information we make no warranties expressed or implicit and assume no liability in connection with any use of this information.

Dominus, BEP, MSCP, Blue Barrier, Perma Seal, Aqua Guard and the associated brand logos are all trademarks of Dominus Innovations.