

Perma Seal Universal Liquid Membrane 4200

Description

BEP Perma Seal Universal Liquid Membrane 4200 is a versatile, fluid-applied, UV stable, liquid flashing/sealant designed for a wide range of indoor/outdoor building construction and repair applications. *Perma Seal 4200* is ideally suited to create easy-to-install seamless shower pan liners and make seamless gutter repairs. *ULM 4200* can also be used as a weather resistant roof, chimney and gutter flashing compound and as a professional or do-it-yourself universal sealant for a host of wet or dry surface, multi-substrate home, recreational vehicle and industrial applications.

BEP Perma Seal Universal Liquid Membrane 4200 is part of the BEP Perma Seal family of sealant, waterproofing and adhesive products.

Features/Benefits

- One-part system/No mixing, no primers necessary
- UV Stable/Long term exposure without degradation
- Paintable/Provides limitless color options
- Exceptional durability/Prevents membrane wear and tear
- Ideal viscosity/Low sag supports vertical and horizontal tie ins
- Exceptional adhesion/Bonds to multiple substrates
- Advanced proprietary technology/Produces flexible seamless 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

Shower pan liners, soap niches, vertical shower wall assemblies, spark arrestors, chimney caps, difficult transitions where conventional tapes and sheet goods will not suffice, parapet walls, roof flashing tie ins, skylights, RV and mobile home repairs.

Application Methods

Apply using roller, squeegee or brush.

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.

Use sand paper or other abrasive material to scuff any metal, PVC or ABS surfaces to be coated prior to applying *Perma Seal Universal Liquid Membrane 4200*.

Hard finished concrete should be etched to optimize adhesion.

Large cracks and seams should be filled with *BEP Perma Seal Crack & Seam Filler 4500* prior to *ULM 4200* application.

Note: All water resistant horizontal coatings such as shower liners must be at a minimum of 40 mills thick.



If additional coats of *Perma Seal Universal Liquid Membrane 4200* are required, the *ULM 4200* must be cleaned with approved solvent and brought back to tacky.

For applications where tile is to be directly attached to *Universal Liquid Membrane 4200*, broadcast enough coarse silica sand onto the *ULM 4200 Membrane* while the *ULM 4200* is still wet and in sufficient quantity until the sand fails to adhere. Sweep away or vacuum all excess sand after the *ULM 4200* is cured.

Packaging Options

20 oz. Sausage Tube (4200-20)
2-Gallon Pail (4200-2)

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
Peel Strength	25 PLI
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.



Sample Coverage Rates

75 sq. ft. per gallon at 20 mils.
37 sq. ft. per gallon at 40 mils

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

Suitable Substrates

Concrete	Masonry	Steel
Aluminum	DensGlass	Wood
Pressure Treated Wood	Galvanized Metals	PVC

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

Staining

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

Approved Solvents

Mineral Spirits	Denatured Alcohol	VM&P
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Standards Testing Compliance

ASTM C-661 - shore hardness
ASTM D-412 - elongation
ASTM D-2240 - hardness
ASTM D-2370 - tensile strength
ASTM D-1004 - tear resistance

Typical Properties (cont'd.)

Uncured Properties

Tack Free Time	<60 minutes
Cure Rate	1/8" – 16 hrs.
VOC Content	<30g/liter

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

Product Color

White

Dilution and Mixing

Apply as packaged. Do not dilute or alter.

Shelf Life

12 months from manufacture date in unopened packaging.
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, the manufacturer warrants only that this product is free from defects. Manufacturer will replace at no charge any product proved 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.

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