

PRODUCT IDENTIFICATION

PERMAPRIMER

#40155 – 55 gallon drums

#40105 – 5 gallon pails

ASPHALT-BASED ROOF CONDITIONER

Description

PERMAPRIMER is an asphalt-based roof conditioner formulated from selected asphalts, solvents, and non-dyeing oils.

Uses

PERMAPRIMER is designed as a primer-conditioner that will provide excellent surface adhesion for recommended finish coats over built-up roofs, concrete, transite, and galbestos. PERMAPRIMER meets and exceeds Federal Specification SS-A-701 and ASTM D 41, Canadian Specification 37G P9.

Advantages

PERMAPRIMER revitalizes and conditions weathered, dried built-up roofing and asphalt surfaces.

Limitations

Apply at temperatures over 40°F. Not intended for use in areas subject to vehicular traffic, ponding water and over tar or silicone-based coatings. Do not apply when rain is imminent. PERMAPRIMER must be top-coated with PERMAROOF with-in 72 hours.

Coverage

PERMAPRIMER is to be applied at the following recommended coverage rates:

| | |
|-------------------------------|--------------------|
| Concrete | 1 gal./100 sq. ft. |
| Smooth Surface BUR | 1 gal./100 sq. ft. |
| Smooth Sloped Surfaces | 1 gal./100 sq. ft. |

Note: These amounts are minimum requirements and may be increased due to surface conditions.

TECHNICAL DATA

| | |
|--|-----------------|
| Weight per Gallon (ASTM D 1475) | 7.4 ± 0.2 lbs. |
| Specific Gravity (ASTM D 1475) | 0.89 ± 0.02 |
| Solids by Weight (ASTM D 1353) | 56% ± 1% |
| Solids by Volume | 49% ± 1% |
| Dry Time (ASTM D 1640) | 24 hrs. |
| Flashpoint (ASTM D 3278) | 104°F |
| Clean Up | Mineral spirits |

Preparation

All surfaces must be clean and free of dirt, grease, oil, and other foreign matter, which could prevent proper adhesion. This is best accomplished using a high pressure wash of at least 2,000 psi. All surfaces must be completely dry prior to the application of PERMAPRIMER.

Ruptures, splits, blisters, cuts and torn flashings shall be repaired as needed. Refer to applicable specifications for details.

Republic always recommends a test sample applied in an area representative of conditions. A test application is the best method of determining compatibility with and adhesion to the substrate. Material should be stored in an area sheltered from harsh weather conditions at temperatures ranging from 60°F to 80°F and low humidity.

When PERMAPRIMER has been applied longer than 72 hours prior to PERMAROOF application, PERMAPRIMER may need to be reapplied. All surfaces, which have been primed, must be clean and free of dirt, grease, oil and other foreign matter, which could prevent proper adhesion.

Application

PERMAPRIMER may be applied by brush, roller, power roller, or heavy-duty airless spray equipment.

Spray Equipment Recommendation

Pumps: Graco King 45:1, Graco Bulldog 30:1 or gas powered equivalents. Graco GH733, HydraMax 350 or GMax 7900 or other manufacturers' equivalents.

Hose/Pressure: 50'–300' length (depending on spray rig pressure). When using hoses longer than 100' use the next larger hose ID every 50'. Every 50' of hose will



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PERMAPRIMER

reduce the spray pressure of the rig by 10% at the gun tip.

i.e. 300' hose - $\frac{3}{4}$ " (50/100') to $\frac{5}{8}$ " (50/100') to $\frac{1}{2}$ " (50/100') to $\frac{3}{8}$ " (50')

| Fan Width (in) | .015 | .017 | .019 | .021 | .023 | .025 |
|----------------|----------|----------|----------|----------|----------|----------|
| 10"-12" | 515 | 517 | 519 | 521 | 523 | 525 |
| 12"-14" | 615 | 617 | 619 | 621 | 623 | 625 |
| 14"-16" | 715 | 717 | 719 | 721 | 723 | 725 |
| 16"-18" | 815 | 817 | 819 | 821 | 823 | 825 |
| Flow Rate | 0.24 gpm | 0.31 gpm | 0.38 gpm | 0.47 gpm | 0.57 gpm | 0.67 gpm |

Good results are generally obtained @ 1500-2500 psi at spray tip.

Gun: Graco Contractor Gun, Graco Contractor FTx gun, Graco Silver Plus or equivalent. (Tip extrusions or pole guns can be used.)

Tip Sizes:

Maintenance

The application should be checked on a regular schedule with additional inspections after the system has been exposed to severe weather conditions.

Small area touch up can be made at any time by following recommended application procedures.

Technical Services

Technical advice or service on suitability of material for specific application and end-use requirements is available from the manufacturer. Refer to label and Material Safety Data Sheet (MSDS) for precautionary



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