

PRODUCT IDENTIFICATION

REPUBLIC GLASS PLY #28

#220003 – 3 Sq./Roll

36" x 108'

HIGH PERFORMANCE ROOFING PLY

Description

REPUBLIC GLASS PLY #28 is a high performance roofing ply consisting of a fiberglass membrane coated with waterproofing asphalts.

Uses

REPUBLIC GLASS PLY #28 is designed for application over preformed rigid insulation and/or base sheets. REPUBLIC GLASS PLY #28 exceeds ASTM D 4601-91, Type II.

Limitations

REPUBLIC GLASS PLY #28 is not intended to perform under ponding water conditions. Positive drainage is required. REPUBLIC GLASS PLY #28 should not be exposed to solvents, oils or other contaminants harmful to asphaltic materials.

Preparation

The substrate should be clean, dry, smooth, fully cured, and structurally sound. Positive drainage is required. If slope is a concern, please contact Republic Powdered Metal's Technical Service Department for details.

According to particular job specification, prepare surface to be covered:

- Replace areas of wet insulation, deteriorated deck and wood components.
- Install roof insulation, protection course, or base sheet.

Application

Plan placement of REPUBLIC GLASS PLY #28 to ensure that water will flow over or along, but not against, exposed edges.

Nail or fully adhere a full width of REPUBLIC GLASS PLY #28. For adhered base sheets, use either a hot asphalt (ASTM D312, Type III or IV) or Insulation Adhesive. Side laps: 4". End laps: 6" minimum and staggered. Lightly broom or roll plies to assure complete contact. Extend all plies to top edges of all cants and cut off evenly. Overlap previous work 24".

Maintenance

A scheduled, periodic maintenance inspection of the installation is recommended. Punctures may occur through mechanical damage, vandalism, etc., and should be attended to as quickly as possible. Always follow NRCA standards.

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 information.

TECHNICAL DATA

Property Weight ASTM D 288-90a	28.0 lb/100 sq. ft.
Breaking Strength ASTM D146-90	90 lbf/in. MD 70 lbf/in. XD
Pliability, 1/2" radius ASTM D 146-90	No failures
Mass of Desaturated Glass Mat, Min. ASTM D 288-90a	1.7 lb/100 sq. ft.
Surfacing & Stabilizer, Max. ASTM D 4601-91	65%
Ash (Glass Mat only) ASTM D 4601-91	70-80%



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The information provided on this data sheet is effective as of May 2004 and supersedes all previous data concerning this product and its application.

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