

ram Glass 4

PRODUCT DESCRIPTION

ram Glass 4 roofing felt is constructed with a strong, light-weight, glass fiber mat which is impregnated with high quality saturating asphalt. It allows for high bitumen interply saturation.

ram Glass 4 provides a high tensile strength membrane reinforcement for multi-ply built-up assemblies.

USES

ram Glass 4 is employed as a ply felt in the construction of **ram-Tough** fiberglass reinforced enhanced built-up roof specifications. It is acceptable for use in all U.S. climatic zones and is appropriate for general use as a built-up roofing reinforcement fabric and in the multi-ply construction of base flashings in accordance with specific detail requirements. It is also available in Type IV ASTM D-2178 specifications as ram glass 6.

ADVANTAGES

- High tensile strength.
- High degree of dimensional stability and moisture resistance.
- Fiber matrix porosity of the felt readily provides for escape of air and gases while allowing proper asphalt penetration and saturation at the time of mopping.
- Exceeds ASTM-D-2178 Type IV specifications.
- UL type G-1 approved, Federal Specification SS-R-620B, Type III.

Packaging

Roll Size	36 inches x 180 lf (540 sf)
Net Coverage per Roll	5 squares
Approximate Weight per Roll	40 lbs

ASTM Standard D-2178-88a
Standard Specification for Asphalt Glass Felt
Used in Roofing and Waterproofing
(Compilation of Tables 1 and 2)

	<u>Type III</u>	<u>Type IV</u>	<u>Type VI</u>
Breaking Strength lb/in, MD and CMD	22	44	60
Pliability 1/2 inch Radius	No Failures	No Failures	No Failures
Width of Roll, inches \pm 0.7%	36	36	36
Area of Roll, min, ft ₂	432	540	540
Net Dry Mass of Asphalt Impregnated Glass, felt lb/100 ft ₂			
Average of All Rolls	9.7	7.0	7.0
Individual Rolls	8.4	6.0	6.0
Moisture at Point of Manufacture, %, max	1.0	1.0	1.0
Mass of Desaturated Glass Felt, lb/100 ft ₂	1.5	1.7	1.9
Bituminous Saturant (asphalt), lb/100 ft ₂	6.3	3.0	3.0
Ash, %	70 - 88	70 - 88	70 - 88
Parting Agent and Stabilizer, max, lb/100 ft ₂	2.2	3.2	3.0

Note: The above is copied verbatim from the Annual book of ASTM Standards, vol. 04.04. The performance values are minimum. Barrett Co.'s Asphalt Glass Felts exceed all of these values.