



**ERS-554 GR FR**

P/N: 045-0120

For Professional Use Only



**PRODUCT DESCRIPTION:**

ERS-554 GR FR is composed of carefully formulated SBS/asphalt modified bitumen applied onto a non-woven polyester reinforcement. The finished sheet is coated with sand on the underside and a colored granule on the topside surface. An effective fire retardant package of chemicals is added to the modified bitumen coating to obtain fire resistance as is verified by UL and FM testing/approval.

**RECOMMENDED USES:**

ERS-554 GR FR field and flashing cap membrane ply is adhered to a properly prepared, clean, dry and/or primed (where required) base or ply membrane by using the hot asphalt or cold adhesive application methods. See published Specifications and Approved Details.

**ROLL DIMENSIONS AND PACKAGING:**

- Approximate Nominal Thickness: 160 mils (4.0 mm)
- Approximately Roll Coverage: 97.5 ft<sup>2</sup> (9.1 m<sup>2</sup>)
- Side Lap: 3" (76 mm)
- End Lap: 6" (152 mm)
- Roll Length: 33' (10 m)
- Roll Width: 39" (1 m)
- Approximate Roll Weight: 113 lbs. (51.3 kg)
- Rolls per Pallet: 25

**APPROVALS:**



**PHYSICAL PROPERTIES:**

Physical Property per ASTM D 6164, Type I, Grade G	MD	XD
Tensile – Max Load at 0 ± 3.6°F lbf/in	117	83
Elongation at 0 ± 3.6°F %	29	22
Tensile – Max Load at 73.4 ± 3.6°F lbf/in	70	70
Elongation at 73.4 ± 3.6°F %	56	61
Tear Strength at 73.4 ± 3.6°F lbf	120	87
Low Temperature Flex °F max	-15	-15
Dimensional Stability % max	<0.5	<0.5
Compound Stability Temp °F	230	230
Granule Embedment g/max	0.8	0.8

**Ecology Roof Systems®**

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