PAREXUSA

Reinforcing Meshes

	DESCRIPTION	USES
355 Standard Mesh	4.5 oz fiberglass 38 in. (96.5cm) wide mesh. Highly flexible for full walls or details. Alkali-resistant.	Standard reinforcement of Parex USA EIFS walls for impact resistance and used in Parex USA Stucco Krak-Shield assemblies.
355.48 Long Standard Mesh	4.5 oz fiberglass mesh 48 in. (121.9cm) wide. Highly flexible for details. Alkali-resistant.	Standard reinforcement of Parex USA EIFS walls for impact resistance and used in Parex USA Stucco Krak-Shield assemblies.
356 Short Detail Mesh	4.5 oz fiberglass mesh 9.5 in. (24cm) wide. Highly flexible for details. Alkali-resistant.	Backwrapping , corners, reveals and trim.
352 Adhesive Mesh	4.5 oz fiberglass mesh. Self-adhesive, facilitates the wrapping of complex contours. Highly flexible for details. Alkali-resistant.	Complex architectural details only.
358.10 Intermediate Impact Mesh	12 oz fiberglass 38 in. (96.5cm) wide mesh. Intermediate strength to enhance impact and abuse resistance. Alkali-resistant.	Use with Parex USA EIFS to achieve EIMA/ASTM medium-impact strength classification. Used in Parex USA Stucco Krak-Shield assemblies.
358.14 High Impact Mesh	15 oz fiberglass 38 in. (96.5cm) wide mesh. High strength to enhance impact and abuse resistance. Alkali resistant.	Use with Parex USA EIFS to achieve EIMA/ASTM high-impact strength classification. 355 Standard Mesh must be used in combination with 358.14 High Impact Mesh for impact resistance.
358.20 Ultra High Impact Mesh	20 oz fiberglass 38 in. (96.5cm) wide mesh. Ultra high strength to enhance impact and abuse resistance. Alkali-resistant.	Use with Parex USA EIFS to achieve EIMA/ASTM ultra-high impact strength classification. 355 Standard Mesh must be used in combination with 358.20 Ultra-High Impact Mesh for Impact Resistance.
357 Corner Mesh	7.2 oz fiberglass 9.5 in (24cm) wide mesh. Heavy duty. Factory pre-bent to fold uniformly around corners. Designed to enhance impact and abuse resistance at corners. Alkali-resistant.	Corner reinforcement

Parex USA Reinforcing Meshes have been tested within the Parex USA EIFS Systems for compliance to Chapter 26 of the International Building Code.

Alkali resistant is defined as 120 pli (21 dN/cm) retained tensile strength per ASTM E2098 after 28 days soaked in 5% sodium hydroxide solution.

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	Product	Nominal Weight	Coverage per Roll	Width	Length	Packaging
	355 Standard Mesh	4.5 oz/yd² (153g/m²)	475 ft² (43.6 m²)	38 in (96.5cm)	150'	4 rolls/box
	355.48 Long Standard Mesh	4.5 oz/yd² (153g/m²)	600 ft² (55.7 m²)	48 in (122cm)	150'	4 rolls/box
	356 Short Detail Mesh	4.5 oz/yd² (153g/m²)	119 ft² (11 m²)	9.5 in (24cm)	150'	16 rolls/box
	352 Adhesive Mesh	4.5 oz/yd² (153g/m²)	237 ft² (21.7m²)	19 in (48.2cm)	150'	8 rolls/box
Impact	358.10 Intermediate Impact Mesh	12 oz/yd² (407g/m²)	237 ft² (21.7m²)	38 in (96.5cm)	75'	4 rolls/box
Impact	358.14 High Impact Mesh	15 oz/yd² (509g/m²)	237 ft² (21.7m²)	38 in (96.5cm)	75'	2 rolls/box
Impact	358.20 Ultra High Impact Mesh	20 oz/yd² (692g/m²)	237 ft² (21.7m²)	38 in (96.5cm)	75'	2 roll/box
Specialty	357 Corner Mesh	7.2 oz/yd² (244g/m²)	119 ft² (11 m²)	9.5 in (24cm)	150'	4 rolls/box

APPLICATION:

- 355 Standard, 355.48 Long Standard and 356 Short Detail Mesh: The fiberglass mesh must be embedded into a Parex USA basecoat and be smoothed with a trowel until mesh is fully embedded and the basecoat, thickness is approximately 1/16 in. (1.5mm). The color of the reinforcing mesh should not be visible at the surface of the Parex USA basecoat material. A slight pattern of the mesh is acceptable, due to shrinkage of the cementitious basecoat upon drying. Install mesh taking care to avoid wrinkles. The mesh must be continuous at all corners and must be lapped a minimum of 2-1/2 in. (63.5mm) at the mesh seams.
- 352 Adhesive Mesh: 352 Adhesive Mesh is adhered to the EPS board before the basecoat is applied. Apply the basecoat and smooth it with a trowel until the mesh color is not visible. A slight pattern of the mesh is acceptable, due to shrinkage of the cementitious basecoat. The mesh must be continuous at all corners and must be lapped a minimum of 2-1/2 in. (63.5 mm) at the mesh seams.
- 358.10 Intermediate Impact, 358.14 High Impact, and 358.20 Ultra High Impact Mesh: The fiberglass mesh must be embedded into the wet basecoat and be smoothed with a trowel until fully embedded with the mesh color not visible. Tightly butt mesh edges but do not overlap them. Install Parex USA 357 Corner Mesh at all edges. 358.10 Intermediate Impact: Where mesh edges butt together, the joint has to be covered with a layer of Standard or Detail mesh with a minimum lap of 4 in. (102mm). For 358.14 High Impact Mesh and 358.20 Ultra High Impact Mesh, a second layer of 355 Standard Mesh must be applied on the whole surface.
- 357 Corner Mesh: The fiberglass mesh must be embedded into the wet base coat and be smoothed with a trowel until fully embedded with the mesh color not visible. A slight pattern of the mesh is acceptable, due to shrinkage of the cementitious basecoat. Tightly butt mesh edges but do not overlap them. Install mesh taking care to avoid wrinkles. Where mesh edges butt together, the joint has to be covered with a layer of Standard or Detail mesh with a minimum lap of 6 in. (152mm)
- For all mesh overlaps: When overlapping reinforcing mesh, special care must be taken to ensure the basecoat mesh is flat, level and free from bumps. Basecoat should be feathered onto either side of the overlap. The mesh overlaps should be reviewed to ensure they are acceptably flat before proceeding. Refer to Technical Bulletin 61 for more information.

ASTM E2486 Impact Classification (formerly EIMA 101.86)

A. Standard Impact Resistance, 25-49 in-lbs (2.8 - 5.6 J) Impact Range
B. Medium Impact Resistance, 50-89 in-lbs (5.7-10.1 J) Impact Range
C. High Impact Resistance, 90-150 in-lbs (10.2-17.0 J) Impact Range
D. Ultra High Impact Resistance, >150 in-lbs (> 17.0 J) Impact Range

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