

ES Polystyrene Core

## **Edgewater Standard Polystyrene**

| Thickness          | 1-3/4" Standard   |
|--------------------|---|
| Maximum Sizes      | Single 4-0 x 8-0, Pairs 8-0 x 8-0   |
| Weight             | Avg. for flush doors 4.2 lbs. per sq. ft.   |
| Screw Withdrawal   | Avg. per screw: Stiles 1021 ft. lbs., Blocking & Rails 602 ft. lbs.   |
| Core               | 3 lb. density Polystyrene   |
| Stiles             | FRP tubes with 1/4" thick walls and HDU outer edge.<br>HDU can be planed up to 1/8" to fit irregular openings.  |
| Rails              | <ul><li>Polymer composite with fiberglass strand reinforcing.</li><li>6 1/2" top rail. Full width for closer reinforcement.</li><li>4 1/2" bottom rail. Allows field trimming up to 1".</li></ul>   |
| Internal Stiffener | Polymer composite with fiberglass strand reinforcing.   |
| Blocking           | Polymer composite with fiberglass strand reinforcing.<br>Located where needed for hardware attachment without the need for<br>through bolts.  |
| Core Assembly      | All internal components are securely bonded together.   |
| Face Sheets        | .090 and .120 thick FRP in smooth or .120 in pebble design.   |
| Machining          | Complete machining for templated hardware, including electrified.   |
| Available Options  | Lights, louvers, dutch doors, transom panels, recessed panels, etc.   |
| Cutouts            | Minimum dimensions from door edge to cutout: stiles and top rail 5", bottom rail 10", between cutouts 5".   |
| Finish Options     | Primed, stock paint colors, custom matched paint  |
| Warranty           | Life of the product against corrosion induced failure and 10 years<br>after the date of the purchase on workmanship. Factory finishes are<br>warranted for one year from date of purchase.<br>* See complete <b>warranty</b> for details. |
| R-Value            | R-9.5   |

Edgewater Door Company reserves the right to change design and/or details of its products without notice.

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