

# DATA SHEET

## Concrete Embedment Angle

### Fiber Reinforced Polymer Composite Structural Shapes

#### Application



*Pultex® Concrete Embedment Angles compliment both Flowgrip® and Supergrate™ flooring products, for easier installation.*

#### Description

Pultex® Concrete Embedment Angle performance features include:

- “Y” Profile Leg - offers more anchoring surface than traditional “L” profiles, eliminating additional anchors.
- Compatibility with all standard depth grating systems.
- Corrosion Resistance
- U.V. Stabilized
- Non-conductive

#### Material Specification

All Concrete Embedment Angles have a minimum 50 percent glass content with a synthetic surfacing veil on all exposed surfaces. The glass construction used is produced to meet published physical properties when tested in accordance with ASTM-E-84 standards.

Pultex® Series 1625, a superior Vinyl Ester resin, offers optimum corrosion resistance. Our Series 1625 has a class one flame spread and is Underwriters Laboratories classified UL 94VO.

For additional information see reverse side.



**CREATIVE PULTRUSIONS, INC.**

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# Physical Properties

## LONGITUDINAL DIRECTION

Tensile Modulus	ASTM D638	2.5E6 psi
Tensile Strength	D638	33,000 psi
Compressive Strength	D695	33,000 psi
Flexural Strength	D790	33,000 psi
Bearing Strength	D953	30,000 psi
Interlaminar Shear <sup>1</sup>	D2344	4,500 psi

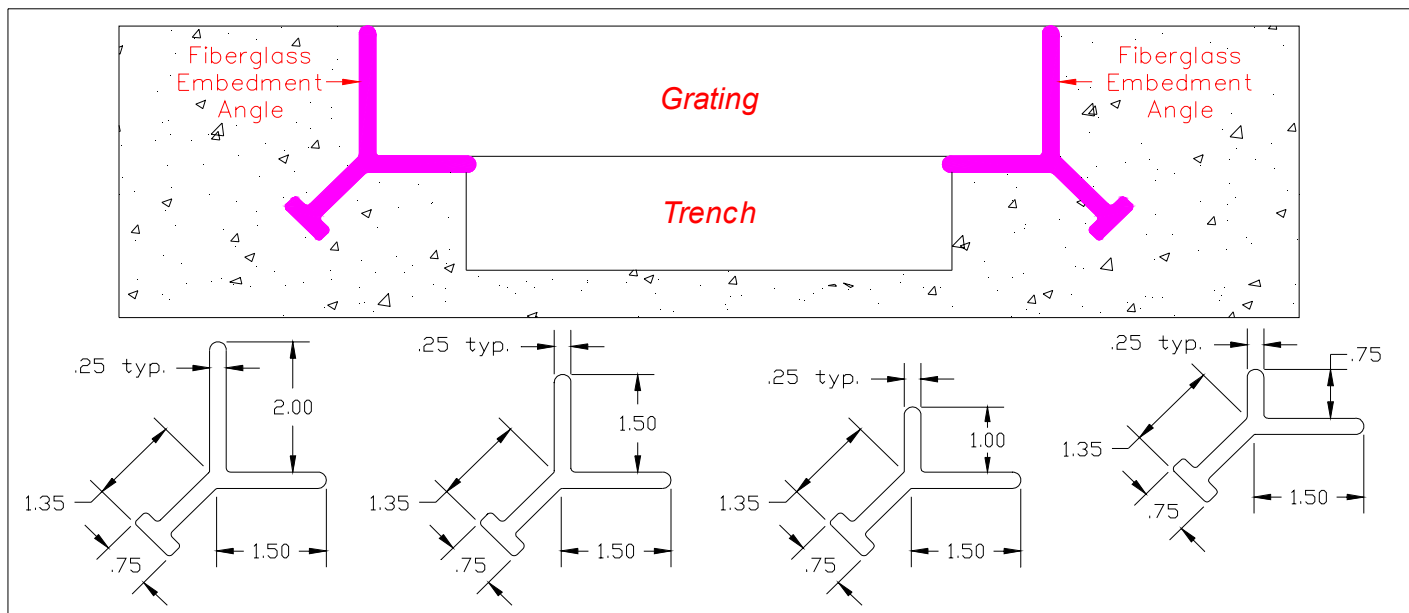
## TRANSVERSE DIRECTION

Tensile Modulus	ASTM D638	.8E6 psi
Tensile Strength	D638	7,500 psi
Compressive Strength	D695	16,500 psi
Flexural Strength	D790	11,000 psi

<sup>1</sup>Tested 3:1, span to depth ratio

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## Availability



Size	Weight	Minimum Mill Run
*2.0" x 1.50" x .250"	1.20 lbs/ft.	1,200 ft.
*1.50" x 1.50" x .250"	1.10 lbs/ft.	1,300 ft.
*1.0" x 1.50" x .250"	1.00 lbs/ft.	1,400 ft.
.75" x 1.50" x .250"	0.90 lbs/ft.	1,500 ft.

The above dimensions reflect Pultex® Series 1625 Vinyl Ester product. Other sizes are available on a mill run basis.  
 \* Stocked Items in Gray Color.