

Product Specification

CES Gull Wing Splash Fill



Product Description

CES Gull Wing fill bars are manufactured from extruded PVC including an additive of either carbon black or titanium dioxide as a UV inhibitor. The bars are available in nominal 4" and 6" wide versions and are in compliance with CTI STD-136. Provided support spans do not exceed 24", the fill bars will operate satisfactorily at temperatures up to 140°F.

The design of the fill bars includes a perforated surface to promote water droplet formation. However, the perforations are eliminated at the locations where the fill bars make contact with support hangers. This allows for full bearing contact between the fill bar and the wire hanger which enhances the durability of the fill system installation. Also, the size and shape of the bars include an overhang of the vertical wires in a hanger system thereby eliminating the potential for water channeling along the vertical strands of the hanger wire system.

The fill bars include notching on 6" centers to facilitate positioning of the bars correctly over the wire hangers. The bars can be provided with notching 3" from one end to enhance bar stability at the louver face where water loading can be excessive during periods of fans off operation.



CES
Gull Wing

Applicable Commercial Standards

Property	Test Method	Typical Values
Specific Gravity	ASTM-D792	1.46
Tensile Strength (psi)	ASTM-D638	6010 min
Tensile Modulus (psi)	ASTM-D638	4.33 x 10 ⁵ min
Flexural Strength (psi)	ASTM-D790	15,000 min
Flexural Modulus	ASTM-D790	4.22 x 10 ⁵ min
Heat Distortion Temperature (°F)	ASTM-D648	163
Flammability 1	UL94 Vertical Burning	94V-0
Flammability 2	UL94 Horizontal Burning	94H-B
Flame Spread	ASTM-E84	25 or less

ASTM methods shown above are based on the Annual Book 1999 and have been modified to suit practical conditions.

For dimensions and/or physical properties different from those listed above or special requirements including weatherability, flammability, etc., contact CES for agreement on the specifications.

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Product Dimensions

Description	Units	Value
Profile Thickness	Mils	50
Profile Width	Inches	4.25 or 6.25
Profile Height	Inches	0.82
Wetted Surface Area (per side)	IN ² /LF	34.2 or 44.3
Profile Weight	LBS/LF	0.13
Profile Length	Inches	Unlimited

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