

Resin Selection Guide

DeltaSpan Pultruded Grating

AIMS Composites manufactures pultruded grating with a variety of resins, each with unique performance characteristics. Resin selection is paramount in determining the corrosion resistance of the finished product. Please consult the Chemical Resistance Guide for assistance in selecting the proper resin for your application, or call toll-free at 800-495-5997 for technical assistance.

AIMS' resin designations are comprised of two components—resin type and ASTM E-84 Flame Spread Rating.

DeltaSpan VEFR-25 is a premium vinyl ester resin with a flame spread rating of 25 or less. DeltaSpan VEFR-25 pultruded grating is our most chemical resistant resin. Designed to withstand the harshest chemical environments over a broad range of acids and caustics, it is primarily used in petrochemical, waste water, mining, and plating applications where the grating is subject to frequent and direct contact with harsh chemicals. The standard color is yellow, but it is also available in dark gray.

DeltaSpan IFR-25 is a premium isophthalic polyester resin with a flame spread rating of 25 or less. DeltaSpan IFR-25 pultruded grating provides an intermediate level of chemical resistance and is the correct resin choice for grating subjected to splash and spill contact with harsh chemicals. It is a very good general purpose resin at a reduced cost, compared to the premium vinyl ester resin. The standard color is yellow, but is also available in dark gray.

