

Resin System

Resin base

Resin type	Resin base	Description	Corrosion resistance	Flame spread Rating ASTM E84	Colors available	Type color
O-CR	Ortho	Moderate corrosion resistance	Moderate	No	Green, yellow light grey, dark grey	Grey
OFR-25	Ortho	Moderate corrosion resistance and fire retardant	Moderate	Class 1, 25 or less	Green, yellow light grey, dark grey	Grey
IFR-10	Isophthalic polyester	Industrial grade corrosion resistance and extra fire retardant	Very good	Class 1, 10 or less	custom	Green
IFR-25	ISO	Industrial grade corrosion resistance and fire retardant	Very good	Class 1, 25 or less	Dark grey, green	Green
IFGR-30	Isophthalic polyester	Food grade corrosion resistance and fire retardant	Very good	Class 1, 25 or less	Light grey, light green	Grey
VEFR-10	Vinyl ester	Superior corrosion resistance and enhanced retardant	Excellent	Class 1, 10 or less	Dark grey	Red
VEFR-25	Vinyl ester	Superior corrosion resistance and retardant	Excellent	Class 1, 25 or less	Dark grey, orange	Red
MP-5	Phenolic resin	Low smoke and superior fire resistance	Very good	Class 1, 5 or less	Reddish-brown, phenolic painting of the grating can be performed to obtain a grey or red finish	Red

Resin type	Group	Color	Application	Type color
Ortho-CR	Low standard	Dark-grey RAL 9006	Alternative for galvanized and aluminum resin for utility and ECO where chemical resistance is less important	Grey
ISO-FR	Standard	Green RAL 6010	Standard application high chemical resistance flame resistance ASTM E84	Green
ISO GFR	Food	Light-grey RAL 7035	Special for food industry (USDA)	Grey
Vinyl	High standard	Red RAL 2002	Offshore and high chemical resistance	Red
Phenol	Special high standard	Reddish brown	Superior fire resistance	Red