

## FRP MOULDED GRATING - RESIN SYSTEM

Resin Type	Resin Base	Description	Corrosion Resistance	Flame Spread Rating ASTM E84	Max. Oper. Temp
Type VEFR-25	Vinyl Ester	Superior Corrosion Resistance and Fire Retardant	Excellent	Class 1, 25 or less	230°F (110°C)
Type VEFR-10	Vinyl Ester	Superior Corrosion Resistance and Enhanced Fire Retardant	Excellent	Class 1, 10 or less	230°F (110°C)
Type IFR-25	Isophthalic Polyester	Industrial Grade Corrosion Resistance and Fire Retardant	Very Good	Class 1, 25 or less	221°F (105°C)
Type IFR-10	Isophthalic Polyester	Industrial Grade Corrosion Resistance and Extra Fire Retardant	Very Good	Class 1, 10 or less	221°F (105°C)
Type FG-30	Isophthalic Polyester	Food Grade Corrosion Resistance and Fire Retardant	Very Good	Class 1, 30 or less	221°F (105°C)
Type CFR-25	Ortho	Moderate Corrosion Resistance and Fire Retardant	Moderate	Class 1, 25 or less	212°F (100°C)
Type O-AN	Ortho	Moderate Corrosion Resistance	Moderate	No	212°F (100°C)
TypeMP-5	Phenolic resin	Low Smoke and Superior Fire Resistance	Very Good	Class 1, 5 or less	356°F (180°C)

### Type Of Fiberglass Roving

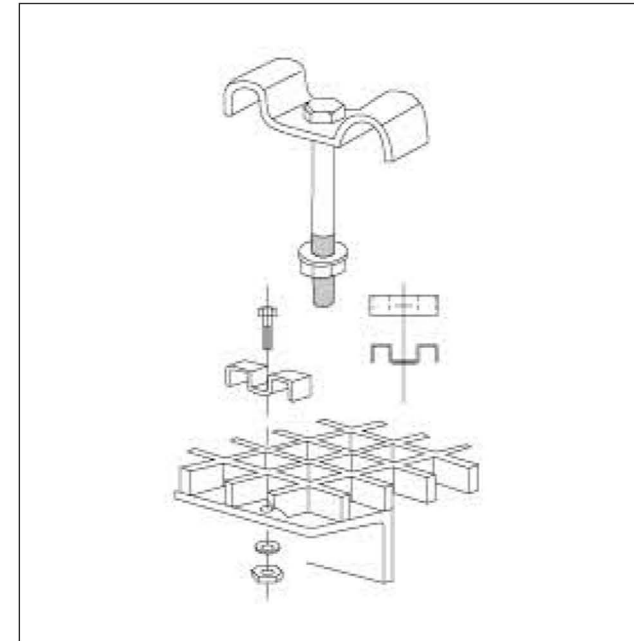
Code Name	Type	Occasion Applicable
E	E-glass	High strength and high corrosion required

### Type Of Filler

Code Name	Type	Occasion Applicable
ATH	Aluminium Hydroxide	Fire resistant, smoke suppression and high corrosion required
PR	No Filler,Pure Resin	High corrosion required

## INSTALLATION OF FRP MOULDED GRATING

TerraGrate© offers specially designed assembly clips to fasten the grating panels together, it also secure them to support the structures.



### M CLIPS WITH BOLTS AND NUTS

M Clips or saddle clips clamp the two FRP grating load bars together for support, this increases the holding capacity.