

**UPS 110 FG Fluid Grade Metal**

Is a two component solvent free epoxy metal fairing compound. The product has been designed for use on a wide range of metallic surfaces and once cured is readily machinable.



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The product is suitable for filling mechanically or abrasive blast cleaned surface where excessive pitting and scarring has been caused by corrosion or chemical attack. The material can also be used with *UPS Aggregates* to create anti-slip finishes on metallic surfaces such as belt rollers, brake test rollers and steps.

**Unique Properties**

Two component solvent free epoxy

2:1 mixing ratio by volume

Useable life 40 minutes (20°C)

Initial set 4 hour (20°C)

Hard dry for machining 8 hours (20°C)

Hardness (Barcol) (ASTM D2583) 31

**Mechanical Properties**

**Adhesion** 20Mpa (2825psi)  
Tensile Shear Adhesion (ASTM D1002)

**Compressive Strength** 63Mpa (9000psi)  
Tested to ASTM D695

**Heat Distortion** 60°C (140°C)  
Tested to ASTM D648

**Flexural Strength** 49Mpa (7000psi)  
Tested to ASTM D790

**Maximum Operating Temperatures**  
Dry Heat 120°C (248°F)  
Wet Heat 70°C (158°F)



Anti-Slip System with  
UPS 110 FG & UPS  
Aggregates

Resurfacing Belt Rollers with UPS  
110 FG & UPS Aggregates