

MIGHTYFIBRE

MightyFibre is a family of composite products consisting of a blend of oxidation resistant stainless steel fibres combined with a fine grained castable. This combination allows Pre-cast elements to be produced which exhibit extreme Thermal Shock, Impact and Erosion resistance combined with super high strengths.

The manufacture of MightyFibre does not use the established infiltration method (SIFCA); instead a mixing technique is employed which allows a coarser and much stronger castable to be used than previously possible. As well as increased strength of the ceramic portion of the composite, the overall performance is further improved due to increased bonding of the fibre with the castable and better distribution of the fibres.

MightyFibre Pre-cast elements are currently being used very successfully in many metal processing Industries including Ferro Alloys, Silicon Metal, Aluminium and Super Alloys.

MightyFibre would be an ideal upgrade in any application currently using Slurry infiltrated fibre pre-cast elements.

