



OVERVIEW

New Polished Concrete Floor in Hull Minster

Kingston-Upon-Hull

Concrete Polishing Group Ltd

As part of the renovations to Hull Minster the existing flooring was removed back to the existing concrete.

Concrete Polishing Ltd then installed a new underfloor heating system and poured a new concrete slab.

Expansion and contraction within the new concrete from the new underfloor heating was mitigated by using Orlitech® mesh 2.2mm 50x50.

Orlitech® mesh is a basalt based reinforcement for concrete ground bearing slabs which can be used in place of steel mesh. In this case due to the enhanced tensile strength (1250MPa) Orlitech® mesh is equivalent to A142 steel mesh. However, unlike steel mesh it has a very low coefficient of thermal conductivity which does not suffer from thermal expansion and contraction.

In addition Orlitech® mesh 2.2mm 50x50 is available in rolls of 22.5M2 weighing less than 7Kg.

Martin Clark of Concrete Polishing Group Ltd commented "Moving Orlitech® mesh around site is much easier than working with steel mesh. It cuts installation time and is perfect for use with underfloor heating".



DURABLE-RESISTANT TO CORROSION, ALKALI & ACIDS-DIELECTRIC-LOW EMBODIED CARBON