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04.02.2008

Results

**2.1 Pull Off Test**

Test Method: The tests were carried out in general accordance with BS 1881 Part 207: 1992 using a "Hydrajaws" pull off instrument.

The test procedure involved fixing a 75mm circular steel disc with a threaded inset over the test area. The disc was affixed on to the epoxy mortar using a two component epoxy resin. A partial depth circumferential cut was drilled over the test area driven 75mm diameter diamond core tube. The depth of cut extended through the sample thickness and beyond the bonded interface into the substrate.

After 24 hours the resin had cured sufficiently an adjustable loading frame was placed and leveled over the test area. The test was then performed using the pull off instrument to apply a tensile force until failure occurred.

Location	Mock up area	Mock up area
Test ref. no.	1	2
Test Position	Horizontal	Horizontal
Cylindrical Metal block (dolly) reference	A	B
Area of cylindrical metal block mm <sup>2</sup>	4418	4418
Maximum load at failure (kN)	1.5	3.0
Failure stress (N/mm <sup>2</sup> )	0.3	0.7
Mode of failure	Failure at skim coat	Failure at plaster

Remarks: the supplier of mesh formwork is quickjet.

  
 For and on behalf of **Al Futtaim Bodycote Testing LLC**  
 Tested by: Nino Date Tested: 03.02.2008