



**HUMBERSIDE MATERIALS LABORATORY LTD**

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**DETERMINATION OF COMPRESSIVE STRENGTH**

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Sample Ref **C / 57050**

Client **Vuba Building Products Lt**

Concrete mix details

Site	Resin Cubes	
Location	22 - Manhattan	Client sample No 22
Supplier	Not applicable	
Date/Time sampled	19/08/20	Date recieved 19/08/20
Sampled by	Client	Delivery No
Time batched		Time placed
Cube compaction		Site curing
Slump mm	Air content %	Other details

Determination of cube strength : BS EN 12390 - 3: 2009      Curing at laboratory to BS EN 12390 - 2: 2009  
Density determined by water displacement BS EN 12390 - 7: 2009

Portion	Client Sample No	Age/date of test	Dimensions (mm) (Designated or Actual)	Load kN	Density Kg/m3	Strength N/mm2	* Test Class
01	22	19/08/20	100.0 100.0 100.0	92.1	1,910	<b>9.2</b>	<b>BSEN</b>
<i>Perpendicularity of moulded faces - Pass</i>				<i>Flatness of moulded faces - Pass</i>			

*Cubes tested in a saturated state unless otherwise stated      Rate of load 0.6N/mm2/sec (Class 1)*  
*Cubes with test class BSEN are designated dimensions, Annex B or NS are actual dimensions*

*\* NS - These test results relate to cubes which do not meet the dimensional and/or shape requirements of BSEN 12390-1*

Comments

Abnormal failures    none  
Abnormal curing     none

Date reported 27/08/20  
File Ref 1297 / 5178 / G

Signed :- M.J. Green    C. Driver  
Director

*Certificate of sampling when submitted is retained by the Laboratory and available upon request*