



No 1014



INVESTOR IN PEOPLE



UNIVERSITY OF GLAMORGAN COMMERCIAL SERVICES

UGCS • University of Glamorgan • Pontypridd • UK • CF37 1DL  
Tel: 01443 482156 • Fax: 01443 482157

Name and address of supplier  
ARTCRETE.

Site address  
AMMANFORD.

Date : 26/02/2009

Certificate Ref 09/ 7424

LABORATORY REPORT : COMPRESIVE STRENGTH OF CONCRETE CUBES IN ACCORDANCE WITH CLAUSE 8:  
BS EN 12390:PART 3:2002

CLIENT REF NO	FLOOR
LOCATION	FLOOR
DATE RECEIVED	29/01/2009
CONDITION RECEIVED * ( See Index)	DRY
CALIBRATED MOULD EVIDENCE	No
DATE CAST	26/01/2009
DATE OF TEST	23/02/2009
AGE ( Days)	28
Designated or actual DIMENSIONS ( mm)	100 100 100
MAX LOAD ( kN)	282
COMPRESSIVE STRENGTH Mpa ( N/mm <sup>2</sup> )	28.0
SPECIFIED MIX Mpa ( N/mm <sup>2</sup> )	
MASS OF SPECIMEN As received ( kg)	1.921
Mass in water ( kg)	0.963
DENSITY ( kg/m <sup>3</sup> ) As received	2000
SURFACE CONDITION at TIME of TEST	Saturated
UNSATISFACTORY FAILURE Ref Fig 1 BS EN 12390:2002	No
ANNEX B TEST PROCEDURES USED	Yes
VOLUME DETERMINATION	-: Water displacement method BS EN 12390-7:2000
UGCS LABORATORY CURING	-: BS EN 12390-2:2000
DEVIATION FROM STANDARD TEST	NO
TEST MACHINE CLASSIFICATION	CLASS 1
LOADING RATE for 100 or 150 mm CUBE	0.6 or 0.5 N/mm <sup>2</sup> -s

COMMENT:

Condition received index \*

1-Wet, 2-Dry, 3-damp,  
4-Edge/Corner chipped  
5-Aggregate exposed  
BD-Bad dimensions  
PC-Poor compaction  
H-Honeycombed  
EV-Excess Voids

Dr D Snelson: Materials Testing Officer  
A Salmon : Senior Technical Officer  
H Williams : Higher Technical Officer  
R Whitty : Operations Manager  
for and behalf of UGCS Ltd



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Name and address of supplier  
ARTCRETE.

Site address  
AMMANFORD.

Date : 27/02/2009

Certificate Ref 09/ 7398

LABORATORY REPORT : COMPRESSIVE STRENGTH OF CONCRETE CUBES IN ACCORDANCE WITH CLAUSE 8:  
BS EN 12390:PART 3:2002

CLIENT REF NO	WALL
LOCATION	WALL
DATE RECEIVED	29/01/2009
CONDITION RECEIVED * ( See Index)	DRY
CALIBRATED MOULD EVIDENCE	No
DATE CAST	23/01/2009
DATE OF TEST	20/02/2009
AGE ( Days)	28
Designated or actual DIMENSIONS ( mm)	100 100 100
MAX LOAD ( kN)	92
COMPRESSIVE STRENGTH Mpa ( N/mm <sup>2</sup> )	9.0
SPECIFIED MIX Mpa ( N/mm <sup>2</sup> )	
MASS OF SPECIMEN As received ( kg)	1.656
Mass in water ( kg)	0.645
DENSITY ( kg/m <sup>3</sup> ) As received	1640
SURFACE CONDITION at TIME of TEST	Saturated
UNSATISFACTORY FAILURE Ref Fig 1 BS EN 12390:2002	No
ANNEX B TEST PROCEDURES USED	Yes
VOLUME DETERMINATION	- Water displacement method BS EN 12390-7:2000
UGCS LABORATORY CURING	- BS EN 12390-2:2000
DEVIATION FROM STANDARD TEST	NO
TEST MACHINE CLASSIFICATION	CLASS 1
LOADING RATE for 100 or 150 mm CUBE	0.6 or 0.5 N/mm <sup>2</sup> -s

COMMENT:

Condition received index \*

- 1-Wet, 2-Dry, 3-damp,
- 4-Edge/Corner chipped
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