



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 ²)	28.0
SPECIFIED MIX Mpa (N/mm ²)	
MASS OF SPECIMEN As received (kg)	1.921
Mass in water (kg)	0.963
DENSITY (kg/m ³) 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 ² -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 ²)	9.0
SPECIFIED MIX Mpa (N/mm ²)	
MASS OF SPECIMEN As received (kg)	1.656
Mass in water (kg)	0.645
DENSITY (kg/m ³) 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 ² -s

COMMENT:

Condition received index *

- 1-Wet, 2-Dry, 3-damp,
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