

**DEPTH OF PENETRATION OF WATER UNDER PRESSURE
 ON CONCRETE
 BS EN 12390-8-2009**

Client: **Kenyon Agencies Limited**

 Site: **Firtree Cottage, Scorrer
 Redruth
 Cornwall
 TR16 5DF**

Report No. **UXB0162042-2**
 Job No. **50157108**
 Date Reported: **18 July 2011**
 Date Sampled: **17 June 2011**
 Date Received: **18 May 2011**
 Sampled by: **ESG**

ESG Ref	22033277	22033278	22033279
Client Ref	KA Tanking Slurry	KA Tanking Slurry	KA Tanking Slurry
Location	Product Sample	Product Sample	Product Sample
Mix Details	C20	C20	C20
Sample Type	Cube	Cube	Cube
Diameter/Width (mm)	150	150	150
Condition on Receipt:	Satisfactory	Satisfactory	Satisfactory
Direction of water pressure relative to casting direction	Perpendicular	Perpendicular	Perpendicular
Date start of test	12/07/11	12/07/11	12/07/11
Age At test	28	28	28
Depth of penetration(mm)	0	0	0

Comments:

Concrete was cast 03/06/11 Total age of concrete at test 42 Days.

Concrete was moist air cured.

Sample tested under a pressure of 7 Bar. No Visible indication of any water penetration.

Carried out in accordance with **BS EN 12390-8-2009**

Signed:  Nick Oliver – Operations Manager
For and on behalf of Environmental Scientifics Group

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ON CONCRETE
BS EN 12390-8-2009

Client: Kenyon Agencies Limited

Site: Firtree Cottage, Scorrier
Redruth
Cornwall
TR16 5DF

Report No. UXB0162042-1
Job No. 50157108
Date Reported: 18 July 2011
Date Sampled: 17 June 2011
Date Received: 18 May 2011
Sampled by: ESG

ESG Ref	22033277	22033278	22033279
Client Ref	Reference	Reference	Reference
Location	Reference Sample	Reference Sample	Reference Sample
Mix Details	C20	C20	C20
Sample Type	Cube	Cube	Cube
Diameter/Width (mm)	150	150	150
Condition on Receipt:	Satisfactory	Satisfactory	Satisfactory
Direction of water pressure relative to casting direction	Perpendicular	Perpendicular	Perpendicular
Date start of test	15/07/11	15/07/11	15/07/11
Age At test	31	31	31
Depth of penetration(mm)	>150	>150	>150

Comments:

Concrete was cast 03/06/11 Total age at test 45 Days
 Sample tested under a pressure of 7 Bar. Penetration was full depth of sample.
 Concrete was moist air cured.

Carried out in accordance with **BS EN 12390-8-2009**

Signed:  Nick Oliver – Operations Manager
For and on behalf of Environmental Scientifics Group