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PHYSICAL TESTING REPORT

Determination of Tensile Strength by Water Immersion

EN 1348 : 2007

REPORT OF TESTS ON: Ardex X77 Grey Tile Adhesive

Your Reference: PS-53 Foggy Mid Blue 25x25mm Glass Mosaic Polyurethane Backed

CERAM Reference: (082358)-11328

Date Reported 09-May-2008

Order Number:

Date Logged 04-Apr-2008

Date(s) of Test(s): 08-Apr-2008 to 06-May-2008

Please find attached the results for the sample(s) recently submitted for analysis.

Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.

S Hall
Authorised Signator



CERAM TEST RESULTS

Your Reference: PS-53 Foggy Mid Blue 25x25mm Glass Mosaic
CERAM Reference: (082358) - 11328

Accredited Tests

1. BSEN 1348: 2007 Determination of tensile adhesive strength for cementitious adhesives.
(Water immersion only)

Results

All test materials, including the adhesive being tested, have been conditioned for at least 24 hours under the standard conditions required by the test method.

The cementitious adhesive was prepared in accordance with clause 7.0 of the standard EN 1348.

1. Tensile strength

Water Immersion tensile adhesion strength (clause 8.3)											
Test units	1	2	3	4	5	6	7	8	9	10	Mean
Load (kN)	3.23	3.14	2.92	3.44	3.28	2.58	2.86	2.38	2.63	2.88	2.93
Strength (N/mm ²)	1.29	1.26	1.17	1.38	1.31	1.03	1.14	0.95	1.05	1.15	1.17
Discard	1.3	1.3	1.2	1.4	1.3	1.0	1.1	1.0	1.1	1.2	1.2
Failure mode	AF-T	AF-T	AF-T	AF-T	AF-T	AF-T	AF-T	AF-T	AF-T	AF-T	
Mean value of water immersion tensile adhesion strength is 1.2 N/mm ²											

Key to failure modes:

Adhesive failure between tile and adhesive AF-T

Conclusion

The tensile values required must be equal to or greater than 0.5 N/mm².

The cementitious adhesive tested meets the requirements set for these tests.

End of Test Report



S Hall
Authorised Signatory