



PRODUCT TESTING SERVICE

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TCNA TEST REPORT NUMBER: TCNA-052-06

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TEST REQUESTED BY:

Floor Gres Ceramiche
Attn: Allesandro Villa
Via Canaletto 24
41042 Fiorano (Mo)
Italy

TEST SUBJECT MATERIAL:

Identified by client as: Stontech – 715822 Stonblack 2.0

TEST DATE:

3/17/06

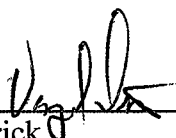
TEST PROCEDURE:

ISO 10545-4: "Determination of Modulus of Rupture and Breaking Strength"
-Seven whole tiles were tested
-The thickness used for testing was 10.6 mm
-The diameter (d) of the test rods was 20 mm
-The thickness (t) of the rubber was 5 ± 1 mm
-The overlap (l) of the test specimen on the supporting rod was 8.5 mm
-The span (L) of the supporting rods was 380 mm

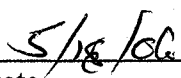
TEST RESULTS:

| Specimen # | P=Load (N) | M=MOR (N/mm ²) | B=Break Strength (N) |
|----------------|---------------|----------------------------|----------------------|
| 1 | 3681.9 | 47.0 | 3524.2 |
| 2 | 3919.0 | 50.1 | 3751.2 |
| 3 | 3701.5 | 47.3 | 3543.0 |
| 4 | 3834.7 | 49.0 | 3670.5 |
| 5 | 3888.6 | 49.7 | 3722.1 |
| 6 | 3994.5 | 51.0 | 3823.4 |
| 7 | 3993.5 | 51.0 | 3822.5 |
| Average | 3859.1 | 49.3 | 3693.8 |

[The ISO 13006 Group BIa requirement is: the breaking strength for tiles with thickness greater than 7.5 mm shall be not less than 1300 N and the modulus of rupture shall be a minimum of 35 N/mm² with no individual minimums below 32 N/mm²]



Virgil Irick
Director of Laboratory Services



Date 5/18/06