

Requested by:	GOZZI AUTOMAZIONI srl Via dell'Artigianato, 51 – 41043 FORMIGINE (MO)		
For the sample:	"WOODOO" – As described below		
On (date):	26/02/16	Date of receipt in laboratory (sample delivered by the client):	02/03/16
Test date		From:	14/03/16 To: 17/03/16

Breaking Load

The test was performed according to **ISO 10545-4**: the samples are supported on two cylindrical support rods positioned to provide an appropriated span. A load is applied at uniform rate using a third cylindrical rod positioned at the midpoint between the support rods until the failure is observed. Breaking load is the force necessary to cause the test specimen to break, as read from the pressure gauge.

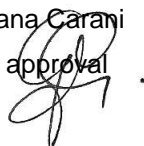
OPERATIVE FEATURES

- Load applied to: the back surface of the samples
- Span of the support rods (mm): 380
- Number of specimens in each sample: 7

RESULTS

Sample	Average breaking load ABL (N)	Visual examination after the test
1) Back-reinforced (fiber glass) ceramic tiles 20 x 40 cm marked "Ceramic layer"	223	Complete separation into two pieces of ceramic layer
2) Multilayer (back-reinforced tile coupled with WPC laminate layer) samples 20 x 40 cm, marked "WOODOO"	464	Linear fracture line (without chipping) in ceramic tile only. No failure of multilayer module.
Δ % increase of ABL of sample 2 with respect to that of sample 1	+ 108 %	

Eng. Giordana Carani
Technical approval



Prof. Maria Chiara Bignozzi
Director



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