

Requested by:	GAMBINI GROUP S.p.A. Via Radici in Piano, 675 – 41049 SASSUOLO (MO)		
For the sample:	Glazed ceramic tiles 35,5 x 71 x 0,9 cm marked "Articolo MARMI CARRARA BIANCO 35,5x71 cm".		
On (date):	27/12/17	Date of receipt in laboratory (sample delivered by the client): 12/12/17	
Test date		From: 12/02/18	To: 12/02/18

EN ISO 10545-4 - Determination of modulus of rupture and breaking strength

d - diameter of rods (mm):

20

t - thickness of rubber (mm):

5

l - overlap of tile beyond the edge supports (mm):

11

L - span of the support rods (mm):

690

Test specimens	1	2	3	4	5	6	7
F – Breaking load (N)	1009	970	997	993	996	1007	986
S – Breaking strength (N)	1955	1880	1932	1924	1931	1952	1912
R – Modulus of rupture (N/mm ²)	45,8	44,1	44,2	45,1	44,1	44,6	44,8

F – Average Breaking load (N):

994

S – Average Breaking strength (N):

1927

R – Average Modulus of rupture (N/mm²):

44,7

Eng. Giordana Carani
Technical approval



Prof. Maria Chiara Bignozzi

Director



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