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Laboratory for Experimental and Technological Ceramics and Brick Industries

TEST REPORT

TS N°: 076/18eng

DATE 04/05/2018

Spett.le
GRUPPO ROMANI S.p.A.
Via A. Volta, 9-23/25
42013 CASALGRANDE RE

B.C.R.A. METHOD SLIPPERY

The test has been carried out using measuring instrument TORTUS® of the coefficient of dynamic friction between a sliding element and the surface of test.

Operating conditions:

- Speed of advance (mm/s): 17 - Loaded junior clerk to sliding element (g): 200

Samples arrived 24/04/2018 (sampling executed by Customer)

DESCRIPTION TILES : 100x100 cm
TYPE : 1A8 CERCOM TO BE 1061432
TO BE ANTRACITE RET

Test start 26/04/2018
Test finished 26/04/2018

Covering material of sliding element	Superficial test of condition				Coefficient of friction (μ)	
Leather	Dry				0,46	
Hard rubber standard	Wet (water + bathing agent)				0,58	
Singles test of coefficient of friction						
with leather:	0,49	0,45	0,46	0,48	0,44	
with hard rubber standard	0,57	0,54	0,60	0,59	0,61	

REFERENCE VALUE

μ < 0.20
0.20 < μ > 0.40
0.40 < μ > 0.74
μ > 0.74

(B.C.R.A. REP. CEC. 6/81)

Danger slippery
Excessive slippery
Satisfaction friction
Excellent friction

Requirement (" Regulations of performance dell' art.1 of the law 9 January 1989, n.13" - Decree Ministerial 14/06/89, n° 236 Art. 8.2.2)

μ (coefficient of friction) :

- for leather sliding element to dry paving : > 0.40
- for hard rubber sliding element to wet paving : > 0.40

Laboratory Head
P.I. Riccardo Frabetti