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Laboratorio Tecnologico e Sperimentale per le Industrie Ceramiche e dei Laterizi

TEST REPORT

TS N°: 304/16eng

DATE 25/11/2016

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

UNI EN ISO 10545-12 : 2000

DETERMINATION OF FROST RESISTANCE

After impregnation with water the tiles are cycled between +5°C and -5°C. All sides of the tiles are exposed to freezing during a minimum of 100 freeze-thaw cycle.

Samples arrived 14/11/2016 (sampling executed by Costumer)

DESCRIPTION TILES : 20x20 cm
TYPE : CIR MAT C NAT

Test start 14/11/2016
Test finished 23/11/2016

Instrumentation used: Apparatus for frost resistance – Cod. GR AS/016
Apparatus for determining porosity vacuum – Cod. GR AS/009
Scales ± 0.2 grams – Cod. GR B/006
Forced air dryer – Cod. GR E/002

Number of tiles tested: 10
Used method of immersion: water absorption with vacuum
Number of tiles damaged after 100 cycles: nobody
Description of the defects damaged before the test: nobody
Type of damage: nobody
Water absorption before test: 0,19%
Water absorption after test: 1,04%

Laboratory Head
P.I. Riccardo Frabetti