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Laboratorio Tecnologico e Sperimentale per le Industrie Ceramiche e dei
Laterizi

TEST REPORT

TS N°: 249/16eng

DATE 30/09/2016

Spett.le
GRUPPO ROMANI S.p.A.

Via A. Volta, 9-23/25
42013 CASALGRANDE RE

EN 101 : 1982

DETERMINATION OF SCRATCH HARDNESS MOHS SCALE

This norm defines a method of test for determining the scratch hardness with Mohs scale.

Mineral's test

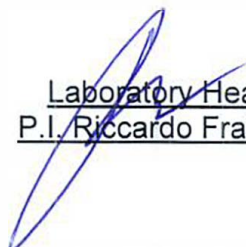
| Mineral | Scratch Hardness Mohs | Mineral | Scratch Hardness Mohs |
|----------|--------------------------|----------|--------------------------|
| Talc | 1 | Feldspar | 6 |
| Gypsum | 2 | Quartz | 7 |
| Calcite | 3 | Topaz | 8 |
| Fluorite | 4 | Corundum | 9 |
| Apatite | 5 | Diamond | 10 |

Samples arrived 23/09/2016 (sampling executed by Costumer)

DESCRIPTION TILES : 40x40 cm
TYPE : CIR MAT C CLOUD NAT

Test start 27/09/2016
Test finished 27/09/2016

| Test tile n°: | Scratch Hardness Mohs |
|---------------|--------------------------|
| 1 | 6,5 |
| 2 | 6,5 |
| 3 | 6,5 |


Laboratory Head
P.I. Riccardo Frabetti