

CENTRO DI RICERCA E SPERIMENTAZIONE  
PER L'INDUSTRIA CERAMICA

|   |  |                            |  |
|---|--|----------------------------|--|
| Requested by:   | CASALGRANDE PADANA S.p.A.<br>Via Statale 467, 73<br>42012 Casalgrande (RE) |                            |  |
| For the sample:   | Ceramic tiles 60 x 60 x 0,9 cm, marked "Serie METROPOLIS MATT".            |                            |  |
| On (date): 29/03/2021   | Date of receipt in laboratory: 29/03/2021                                  |                            |  |
| Sampling details<br>- Where: -----<br>- Date: ----- By whom: CUSTOMER<br>- How (methods): ----- |  |                            |  |
| Tested in: Bologna  | Date of starting: 03/31/2021   | Date of ending: 03/31/2021 |  |

**ANSI A137.1: 2019 § 9.6.1 - Wet Dynamic Coefficient of Friction (DCOF)**

|                            |                              |                  |                          |
|----------------------------|------------------------------|------------------|--------------------------|
| Test device                | Bot 3000E - Regan Scientific | Sensor material  | SBR                      |
| No. of tested specimens    | 3                            | Wetting solution | 0,05 % SLS in water      |
| Test laboratory conditions | Temperature (°C)             | 22               | Relative Humidity (%) 55 |

DCOF of Standard Tile:

Before the test: 0,31

After the test: 0,29

**RESULT**

| DCOF Values     |             |             |             |             |         |
|-----------------|-------------|-------------|-------------|-------------|---------|
| Specimen number | Direction 1 | Direction 2 | Direction 3 | Direction 4 | Average |
| 1               | 0,59        | 0,61        | 0,59        | 0,58        | 0,59    |
| 2               | 0,62        | 0,70        | 0,72        | 0,70        | 0,69    |
| 3               | 0,62        | 0,70        | 0,70        | 0,72        | 0,69    |

**REQUIREMENTS** (ANSI A137.1-2019): DCOF  $\geq$  0,42 for level interior spaces expected to be walked upon when wet

Pietro Bruzzi  
Technical approval

Prof.ssa Maria Chiara Bignozzi  
Director

End of report

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