



## STATEMENT OF COLLECTION MONTI

Ceramics Nowa Gala SA produces dry-pressing tiles with low water absorption  $E_b \leq 0,5\%$ , group BI<sub>a</sub>, in accordance with PN-EN 14411: 2013-04 Ceramic tiles - Definition, classification, characteristics, evaluation of conformity and marking, annex G.

The *table 1* presents the technical characteristics concerning the collection MONTI (MI) belonging to the family of products: glazed technical gres:

| Table 1 – technical characteristics MONTI                      |                    |   |                                 |
|--|--------------------|---|---------------------------------|
| Parameter  | Test method        | Norm requirements                         | Parameters achieved             |
| Water absorption [%]   | PN-EN ISO 10545-3  | < 0,5                                     | < 0,1                           |
| The flexural strength [N/mm <sup>2</sup> ]                     | PN-EN ISO 10545-4  | minimum 35                                | > 45                            |
| Breaking Strength [N]  | PN-EN ISO 10545-4  | > 1 300                                   | ~ 2 500 60X60<br>~ 4 200 120X60 |
| Resistance to surface abrasion PEI                             | PN-EN ISO 10545-7  | indicate the class of abrasion            | 5 MI 10<br>4 MI 12<br>MI 13     |
| Plunge abrasion resistance* [mm <sup>3</sup> ]                 | PN-EN ISO 10545-6  | < 175<br>(for unglazed tiles)             | ~ 130                           |
| Resistance to household agents and additions to swimming pools | PN-EN ISO 10545-13 | minimum class B                           | A                               |
| Stain resistance   | PN-EN ISO 10545-14 | minimum class 3                           | 5 NAT<br>5 LAP                  |
| Chemical resistance  | PN-EN ISO 10545-13 | manufacturer specifies the classification | LA<br>HA                        |
| Resistance to crazing  | PN-EN ISO 10545-11 | required                                  | resistant                       |
| Frost resistance   | PN-EN ISO 10545-12 | required                                  | resistant                       |
| Class of anti-slipperiness                                     | DIN 51130          | -   | R10 NAT<br>R10 LAP              |
|  | DIN 51097          | -   | A NAT<br>A+B LAP                |

\*complementary parameter, typical for unglazed tiles

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