

**DECLARATION OF PERFORMANCE**  
**n° IT0405P/01**  
**MasterCrete 160**

1) Unique identification code of the product type

**EN 1504-3**

2) Intended use or uses

**Cement based mortar (CC) for structural repair of concrete structures**

3) Manufacturer

**Master Builders Solutions Italia SpA, via Vicinale delle Corti 21, 31100 Treviso**

4) System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 2+**

5) Harmonized standard

**EN1504-3-2005**

6) Notified body/ies

**TECNOPROVE identification number 0925**

7) Declared performance

| Essential characteristics                                       | Performance                               | Harmonized technical specification |
|---|---|------------------------------------|
| Compressive strength  | Class R4                                  | EN 1504-3: 2005                    |
| Chloride ion content  | ≤ 0,05 %                                  |                                    |
| Adhesive bond   | ≥ 2,0 MPa                                 |                                    |
| Restrained shrinkage/expansion                                  | ≥ 2,0 MPa                                 |                                    |
| Carbonation resistance  | pass                                      |                                    |
| Elastic modulus   | ≥ 20 GPa                                  |                                    |
| Thermal compatibility: freeze-thaw, thunder shower, dry cycling | ≥ 2,0 MPa                                 |                                    |
| Skid resistance   | NPD                                       |                                    |
| Coefficient of thermal expansion                                | NPD                                       |                                    |
| Capillary absorption  | ≤ 0,5 kg/m <sup>2</sup> .h <sup>0,5</sup> |                                    |
| Reaction to fire  | Class A1                                  |                                    |
| Dangerous substances  | See SDS                                   |                                    |

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Dario Micheletto

Resp. Quality Control      Treviso, 22 July 2025

