

## DECLARATION OF PERFORMANCE

n° IT0082/01

### MasterEmaco S 1160 TIX

- 1) Unique identification code of the product type  
**EN 1504-3 Methods 3.1/3.2/3.3/4.4/7.1/7.2**
- 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 (AVCP)  
**System 2+**
- 5) Harmonized standard  
**EN 1504-2: 2005**
- 6) Notified body/ies  
**ICMQ SpA, identification number 1305**

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	Comply with 5.4 (EN 1504-3)	

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, 01 January 2021

