

**DECLARATION OF PERFORMANCE**  
**n° IT1005/01**  
**MasterShield WP 545**

1) Unique identification code of the product type

**EN 1504-2**

2) Intended use or uses

**Surface protection system for concrete**

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:

**EN 1504-2: 2004**

6) Notified body/ies

**ICMQ identification number 1305**

7) Declared performance

Essential characteristics	Performance	Harmonized technical specification
Abrasion resistance	NPD	EN 1504-2: 2004
Impact resistance	NPD	
Resistance to severe chemical attack	ClassII (liquid 5-11-12)	
Capillary absorption	$\leq 0,1 \text{ kg/m}^2 \cdot \text{h}^{0,5}$	
Thermal compatibility: freeze-thaw	$\geq 0,8 \text{ MPa}$	
Adhesion strenght	$\geq 0,8 \text{ MPa}$	
Water vapour permeability	Class I	
Crack bridging ability (static)	A3	
Crack bridging ability (dinamic)	B1	
Artificial weathering	Noblistering, no cracking, no flacking	
Permeability to CO2	SD> 50	
Reaction to fire	Class C	
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, 04 February 2026

