

EU-Declaration of Performance

*In accordance with Annex III of Regulation (EU) No. 305/2011
(Construction Product Regulation)*

For the product: **MasterFlow 150**
No. 00210

1. Unique identification of the product-type:

EN 1504-6:2006 Principles: 4.2
EN 1504-4:2004 C

2. Type, batch or serial number or other identifying mark to identify the construction product as set out in Article 11 (4):

Batch number: See product label under “Lot”

3. intended use as foreseen by the manufacturer of the construction product in accordance with the harmonised technical specification:

EN 1504-6:2006
Anchoring of reinforcing Steel bar

EN 1504-4:2004
Structural Bonding

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as set out in Article 11 (5):

Master Builders Solutions España, S.L.U.
Ctra. de l’Hospitalet, 147-149, Edificio Viena 1a Planta,
08940 Cornellà de Llobregat, Barcelona (Spain)

5. When applicable, the name and contact address of the authorized representative who has received a mandate for the tasks set out in Article 12(2):

Not relevant

6. System or systems for assessment and verification of constancy of performance of the construction product in accordance with Annex V:

EN 1504-6:2006
System 2+: In building and civil engineering works

EN 1504-4:2004
System 2+: In building and civil engineering works

7. In the case of a declaration of performance concerning a construction product that is covered by a harmonized standard:

Aenor
Génova 6
28004 Madrid
CE identification number: 0099

The notified body has performed the initial inspection of products and has made the Factory Production Control system as 2+:

CE Certificate of Factory Production Control:
No. 0099/CPR/B15/0045 - 0099/CPR/B15/0043

8. In case of a declaration of performance concerning a construction product for which a European Technical Assessment was issued:

Not relevant

9. Declared performance:

EN 1504-6:2006

Essential characteristics	Harmonised technical specification	Performance
Pull out	EN 1504-6:2006	≤ 0,6 mm
Chloride ion content	EN 1504-6:2006	≤ 0,05 %
Glass transition temperature	EN 1504-6:2006	52°C
Creep under tensile load	EN 1504-6:2006	≤ 0,6 mm
Reaction to fire	EN 1504-6:2006	Class F
Dangerous substances	EN 1504-6:2006	See MSDS for more information

NPD: **No Performance Determined**

EN 1504-4:2004

Essential characteristics	Harmonised technical specification	Performance
Application over wet substrate	EN 1504-4:2004	Concrete failure
Adhesion (hard concrete over hard concrete)	EN 1504-4:2004	Concrete failure
Adhesion (wet concrete over hard concrete)	EN 1504-4:2004	Concrete failure
Durability after thermal cycles (wet-hard)	EN 1504-4:2004	Shear strength > tensile strength
Durability after moisture cycles (wet-hard)	EN 1504-4:2004	Shear strength > tensile strength
Durability after thermal cycles (hard-hard)	EN 1504-4:2004	Shear strength > tensile strength n
Durability after moisture cycles (hard-hard)	EN 1504-4:2004	Shear strength > tensile strength
Open time	EN 1504-4:2004	± 20%
Workable life	EN 1504-4:2004	Declared Value
E Modulus in compression	EN 1504-4:2004	> 2000 N/mm ²
E Modulus in flexural	EN 1504-4:2004	> 2000 N/mm ²
Compression strength	EN 1504-4:2004	> 30 N/mm ²
Shear resistance	EN 1504-4:2004	> 6 N/mm ²
Glass transition temperature	EN 1504-4:2004	> 40°C
Coefficient of thermal expansion	EN 1504-4:2004	< 100 × 10 ⁻⁶ por °C
Shrink	EN 1504-4:2004	< 0.1%
Injectability	EN 1504-4:2004	Concrete failure
Suitability in horizontal surfaces	EN 1504-4:2004	Surface > 3000 mm ² Ø > 60mm
Dangerous substances	EN 1504-4:2004	Pass 5.4

NPD: No Performance Determined

10. The performance of the product set out in numbers 1 and 2 corresponds to the declared performance set out in number 9. The manufacturer as defined in number 4 is solely responsible for drawing up this declaration of performance.

Signed for and on behalf the manufacturer:

Master Builders Solutions España, S.L.U.



Andreas Fleischhauer

Market Manager Master Builders Solutions España, S.L.U.