

Declaration of Performance

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

Reference Number: **2023050**

For the product: **MasterCO₂re 3850**

1. Unique identification code of the product type(s): **BS EN 934-2:T3.1, BS EN 934-2:T3.2**
2. Type, batch or serial number or other identifying mark to identify the construction product as set out in Article 11 (94):
Batch number: See product packaging
3. Intended use as foreseen by the manufacturer of the construction product in accordance with the harmonised technical specification:
High Range Water Reducing Admixture for Concrete
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 UK Ltd,
Swinton Hall Road,
Swinton,
Manchester,
M27 4EU
United Kingdom**
5. When applicable, the name and contact address of the authorised representative who has received a mandate for the tasks set out in Article 12 (2):
Not applicable
6. System or systems for assessment and verification of constancy of performance of the construction product in accordance with Annex V:
System 2+
7. In the case of a declaration of performance concerning a construction product that is covered by a harmonised standard:

Certificate of Factory Production Control No. 2797-CPR-833715 (EU)
Certificate of Factory Production Control No. 0086-CPR-469071 (UK)

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

Not Relevant

9. Declared Performance:

Essential Characteristics	Performance	Harmonised Technical Specification
Compressive strength – 28 day	$\geq$ 75% of Reference mix	BS EN 934-2:2009
Water reduction	$\geq$ 12% compared to Reference mix	BS EN 934-2:2009 (Table 3.1)
Compressive strength – 1 day	$\geq$ 140% of Reference mix	BS EN 934-2:2009 (Table 3.1)
Compressive strength – 28 day	$\geq$ 115% of Reference mix	BS EN 934-2:2009 (Table 3.1)
Compressive strength – 28 day	$\geq$ 90% of Reference mix	BS EN 934-2:2009 (Table 3.2)
Increase in consistence	Increase of $\geq$ 120mm from initial slump or $\geq$ 160mm from initial flow	BS EN 934-2:2009 (Table 3.2)
Retention of consistence	At 30 mins $\geq$ Reference mix at initial	BS EN 934-2:2009 (Table 3.2)
Air content	$\leq$ Reference mix +2.0%	BS EN 934-2:2009 (Tables 3.1 & 3.2)
Chloride content	Max 0.10% by mass	BS EN 934-1:2008
Alkali content	Refer to Technical Data Sheet	BS EN 934-1:2008
Corrosion behaviour	Contains only components according to BS EN 934-1:2008, Annex A.1	BS EN 934-1:2008
Dangerous substances	No Performance Determined	BS EN 934-2:2009
Durability	No Performance Determined	BS EN 934-2:2009

When specific technical documentation in accordance with Articles 37 or 38 was used, the requirements that the product fulfils:

Not applicable

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 the manufacturer and in the name of the manufacturer by:

Name: Chris Fletcher

Position: Managing Director

Place and Date: Swinton, 5th January 2026

Signature:




Contact Details

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