

Declaration of Performance

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

Reference Number: **2021028**

For the product: **MasterPolyheed 410**

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:

The notified body, Dancert A / S Gregersensvej 1 . DK-2630 Taastrup NB1073, Denmark, Notified Body Number 1073, has carried out initial inspection of the factory and factory production control as well as continuous surveillance, assessment and evaluation of factory production control according to system 2+ and issued the following:

Certificate of Factory Production Control No. 1073 - CPR – 7420 (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
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 $\geq 120\text{mm}$ from initial slump or $\geq 160\text{mm}$ 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, 3rd May 2023

Signature:




Contact Details

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