

DECLARATION OF PERFORMANCE

in accordance with Annex III of the Construction Products Regulation (EU) No 305/2011

No. DOP-934-021

1. *Unique identification code of the product-type:*
Frostproofer and Rapid Hardener
2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
Batch number: see packaging of the product or documentation accompanying delivery
3. *Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:*
Set and Hardening Accelerating admixture for concrete
4. *Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):*
**Larsen Manufacturing Ltd t/a Larsen Building Products
4 West Bank Road
Harbour Industrial Estate
Belfast
BT3 9JL**
5. *Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):*
not relevant
6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
System 2+
7. *In case of the declaration of performance concerning a construction product covered by a harmonised standard:*
The notified body SGS ICS, identification number CE1029, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control under system 2+ and issued: a certificate of conformity of the factory production control - Certificate no. GB20/967418.
8. *In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:*
not relevant

9. Declared performance

Essential characteristics	Performance	Harmonised Technical specification
Chloride ion content	Max 35% by mass	EN 934-2:2009 +A1:2012
Alkali content	Max 0.5% by mass	
Corrosion behaviour	Contains components only from EN 934-1:2008, Annex A.1 Approved list or declared list : contains Chlorides	
Table 6		
Compressive strength	At 28 days: Test mix ≥80 % of control mix At 90 days: Test mix ≥ control mix at 28days	
Initial Setting Time	At 20°C Test mix ≥ 30min At 5°C Test mix ≤60% of Control mix	
Air content	Test Mix ≤2.0% by volume above control mix	
Table 7		
Compressive strength	At 20°C and 24hours: Test mix ≥120 % of control mix At 20°C and 28days: Test mix ≥90 % of control mix At 5°C and 48hours: Test mix ≥130 % of control mix	
Air content	Test Mix ≤2.0% by volume above control mix	

This admixture conforms to BS EN 934-2:2009+A1:2012 Table 6&7

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



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Dr Rachel McGlinchey
Product Development Chemist

27/06/2022
Belfast