



# DECLARATION OF PERFORMANCE

In accordance with Annex III of Regulations (EU) No. 305/2011

Construction Products Regulation



For the product

**OPTIMIZE X-TEND 800**

Product Code: **8214**

1. Unique identification code of the product type:

**Optimize X-Tend 800 (8214)**

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

**Batch Number: Refer to Product Packaging**

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

**Set Retarding 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):

**Christeyns UK Limited  
Rutland Street  
Bradford  
West Yorkshire  
BD4 7EA  
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**  
*Identification 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 to System 2+ and issued the following:

**Certificate of Factory Production Control  
No. 1073-CPR-7411**

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

Not applicable

9. Declared performance

Essential Characteristics	Performance	Harmonised Technical Specification
Chloride Content	<0.10% by mass	EN 934-2:2009 +A1:2012
Alkali Content	<2.00% by mass	EN 934-2:2009+A1:2012
Corrosion Behaviour	Contains only components according to EN934-1:2008 Annex A.1	EN 934-2:2009+A1:2012
Water Reduction	In test mix $\geq$ 12% compared to control mix	EN 934-2:2009+A1:2012
Compressive Strength	At 1 day: Test mix $\geq$ 100% of control mix At 28 days: Test mix $\geq$ 115% of control mix At 28 days: Test mix $\geq$ 90% of the control mix	EN 934-2:2009+A1:2012
Air Content	Test mix $\leq$ 2% (by volume) above control mix unless stated otherwise by the manufacturer	EN 934-2:2009+A1:2012
Setting Time	Initial: test mix $\geq$ control mix + 90 min Final: test mix $\leq$ control mix + 360min	EN 934-2:2009+A1:2012
Retention of Consistence	60 min after the addition the consistence of the test shall not fall below the value of the initial consistence of the control mix	EN 934-2:2009+A1:2012

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 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:



Dean Clarke  
National Technical & Development Manager  
Oscrete Construction Products  
Rutland Street  
Bradford  
West Yorkshire  
BD4 7EA