

DECLARATION OF PERFORMANCE

in accordance with Annex III of Regulation (EU) No 3110/2024 (Construction Product Regulation)

CHRYSO® Optima 48

1. Unique identification code of the product type **EN 934-2: 2009 +A1: 2012. T3.1/ T3.2**
2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR: **Batch number: See Product packaging**
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: **High Range Water Reducing / Super Plasticizing Admixture**
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5): **Saint Gobain Construction Chemicals (UK) Limited – 1 Herald Way
Coventry CV3 2ZG**
5. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: **System 2+**
6. In case of the declaration of performance concerning a construction product covered by a harmonized standard: **EN 934-2:2009 +A1: 2012**
UKCA mark: BSI, notified body No 0086, performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control. N° 0086-CPR-838407

CE mark: Dancert, notified body No 1073, performed the inspection of the factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of conformity of the factory production control. N° 1073-CPR-7413

7. Declared performance :		
Essential characteristics	Performance	Harmonised technical specification
Chloride ion content	Maximum 0.1%	EN 934-2:2009 +A1 :2012
Alkali content	Maximum 1.0%	EN 934-2:2009 +A1 :2012
Corrosion behaviour	Contains only components according to EN 934-1:2008, Annex A.1.	EN 934-2:2009 +A1 :2012
Dangerous substances	No Performance Determined	EN 934-2:2009 +A1 :2012
Water Reduction	Test mix $\geq 12\%$ compared with control mix	EN 934-2:2009 +A1 :2012 T3.1
Compressive Strength	At 1 day $\geq 140\%$ of control mix At 28 day $\geq 115\%$ of control mix	EN 934-2:2009 +A1 :2012 T3.1
Compressive Strength	At 28 day $\geq 90\%$ of control mix	EN 934-2:2009 +A1 :2012 T3.2
Air content in fresh concrete	Test mix $\leq 2\%$ by volume above control mix	EN 934-2:2009 +A1 :2012 T3.1 / T3.2
Increase in consistence	Increase in slump $\geq 120\text{mm}$ from initial (30 ± 10) mm	EN 934-2:2009 +A1 :2012 T3.2
Retention of consistence	30 mins after the addition the consistence of the test mix shall not fall below the value of the initial consistence of the control mix	EN 934-2:2009 +A1 :2012 T3.2

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. 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:



Dean Courtney-Ward
Technical & Development Director

