

DECLARATION OF PERFORMANCE

nr B0480/24

1. Unique identification code of the product: **CHRYSO®Premia 509 EMx**

2. Intended use/es: **Admixture for concrete, high range water reducing/ super plasticizing admixture**

3. Manufacturer: **CHRYSO Polska Sp. z o. o.
Ul. Chmielna 69
00-801 Warszawa, Poland**

4. System/s of assessment and verification of constancy of performance:: **System 2+**

5. Harmonized standard: **EN 934-2:2009+A1:2012**

Notified body/ies: **INSTYTUT MATERIAŁÓW BUDOWLANYCH
i TECHNOLOGII BETONU,
NOTIFIED BODY N° 2311**

6. Declared performances:

Essential characteristics	Performance	Harmonized technical specification
Chloride ion content	$\leq 0,1 \%$	EN 934-2:2009+A1:2012
Alkali content	$\leq 0,5\%$	
Water reduction	In test mix $\geq 12\%$ compared with control mix	
Compressive strength (at equal consistence)	At 1 day: Test mix $\geq 140\%$ of control mix At 28 days: Test mix $\geq 115\%$ of control mix	
Air content in fresh concrete (at equal consistence)	Test mix $\leq 2\%$ by volume above control mix	
Increase in consistence	Increase in slump ≥ 120 mm from initial (30 $\pm$ 10) mm	
Retention of consistence	At 30 min: consistence test mix $\geq$ initial consistence of control mix	
Compressive strength (at equal w/c ratio)	At 28 days: Test mix $\geq 90\%$ of control mix	
Air content in fresh concrete (at equal w/c ratio)	Test mix $\leq 2\%$ by volume above control mix	
Corrosion behaviour	Contains only components from EN 934-1:2008, Annex A.1	

7. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Katarzyna Łach
Koordynator
ds. Zakładowej Kontroli Produkcji



Warszawa, 17.04.2025

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Domieszki do betonu, cementu i gipsu