

# DECLARATION OF PERFORMANCE

No 413 CHR

under regulation (EU) No 305/2011 and the amendment of Annex III, (EU) No 574/2014

## CHRYSO®Plast GR80

0654  
16  
EN 934-2  
0654-CPR-0191

Unique identification code of the product:	<b>CHRYSO®Plast GR80</b> It refers to all batches of CHRYSO®Plast GR80 produced after the issue of the present declaration (Batch number: See Product packaging)
Intended use /es:	Set retarding/ high range water reducing/ superplasticizing admixtures EN 934-2: T.11.1 & T.11.2
Manufacturer:	<b>NORDIA S.A. - MARMOLINE</b> 1st Klm provincial road Markopoulou – Oropou, Polydendri, Attica, 19014, Greece
System of AVCP:	2+
Harmonized standards:	EN 934-2 +A1: 2012
Notified body/ies:	TÜV HELLAS, notified body No 0654, 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° 0654-CPR-0191

### Declared performance :

Essential characteristics	Performance	Harmonised technical specification
Chloride ion content	≤0.1%	EN 934-2+ A1 : 2012
Alkali content	≤ 7%	EN 934-2+ A1 : 2012
Corrosion behavior	Contains only components according to EN 934-1:2008, Annex A.1.	EN 934-2+ A1 : 2012
Dangerous substances	See MSDS	EN 934-2+ A1 : 2012
Water Reduction	Test mix ≥12% compared with control mix	EN 934-2+ A1 : 2012
Air content in fresh concrete	Test mix ≤ control mix + 2.5%	EN 934-2+ A1 : 2012
Compressive strength (at equal consistence)	At 7days: Test mix δοκιμή ≥ 100% control mix At 28 days: Test mix ≥ 115% control mix	EN 934-2+ A1 : 2012
Compressive strength (at equal w/c ratio)	At 28 days: Test mix ≥ 90% control mix	EN 934-2+ A1 : 2012
Setting time	Initial: test mix ≥ control mix +90 min Final: test mix ≤ control mix +360 min	EN 934-2+ A1 : 2012
Retention of consistence	60 min 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+ A1 : 2012

**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) 305/2011, under the sole responsibility of the manufacturer identified above. Signed for and on behalf of the manufacturer by:**



Polydendri 6/11/2023

NORDIA S.A.  
QUARRYING AND INDUSTRIAL  
AND COMMERCIAL CO.S.A.  
VAT: EL 999211319  
364 KIFISSIAS AVENUE  
HALANDRI, 15233 - ATHENS, GR  
TEL. 0030 - 210 - 6896480  
FAX. 0030 - 210 - 6863416

Vivi Dilaveri  
MSc Civil Engineer NTUA  
Segment Manager – Concrete admixtures & cement additives