

DECLARATION OF PERFORMANCE

According to Annex III of the Regulation (EU) NR. 305/2011  
Amended by Commission Delegated Regulation (EU) Nr. 574/2014

---

No: EH0698-20-12-2022

---

Unique identification code of the product type:  
CUGLA HR-49 con. 30% SPL

---

Intended use/s:  
High range water reducing/superplasticizing admixture - EN 934-2: T3.1/3.2

---

Manufacturer  
Cugla BV  
Rudonk 11  
4824 AJ BREDA

---

System/s of AVCP  
System 2+

---

Harmonised standaard  
EN 934-2:2009+A1:2012

---

Notified body/ies  
KIWA-BMC 0956

---

Declared performance/s:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Chloride ion content	max. < 0,1 % (m/m)	System 2+	EN 934-2:2009 + A1:2012
Alkali content	max. 1% (m/m)		
Corrosion behavior	Contains components only from EN 934-1: 2008, Annex A.1		
Compressive strength	T3.1 (2) At 24 hours: Test mix $\geq$ 140 % control mix At 28 days: Test mix $\geq$ 115 % control mix		
	T3.2 (3) At 28 days: Test mix $\geq$ 90 % control mix		
Air content	Test mix $\leq$ 2 % by volume above control mix		
Air content (entrained air)	NPD		
Air void characteristic	NPD		
Water reduction	Test mix $\geq$ 12 % compared with control mix		
Bleeding	NPD		
Setting time	NPD		
Hardening time/strength development	NPD		
Capillary absorption	NPD		
Consistency	T3.2 (1) Increase in flow $\geq$ 160 mm from initial (350 $\pm$ 20) mm		
	T3.2 (2) Retention of consistence: 30 min. After the addition the consistence of the test mix shall not fall below the value of the initial consistence of the control mix.		
Dangerous substance	NPD		
Durability	NPD		

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:

I. Velthoen  
Technical director  
(name)

Breda, 02-10-2023  
(place and date of issue)



(signature)

#### Annex

According to Art. 6() of the Regulation (EU) No. 305/2011 a Safety Data Sheet according to Regulation (EU) No. 1907/2006 (REACH), Annex II, is attached to this Declaration of Performance.