

DECLARATION OF PERFORMANCE

According to Annex III of the Regulation (EU) NR. 305/2011

Amended by Commission Delegated Regulation (EU) Nr. 574/2014

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No: EH0614-15-12-2020

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Unique identification code of the product type:  
CUGLA HR-14 con. 20% SPL

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

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Manufacturer  
Cugla BV  
Rudonk 11  
4824 AJ BREDA

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System/s of AVCP  
System 2+

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

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Notified body/ies  
KIWA-BMC 0956

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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. 1,5% (m/m)  |   |                                    |
| Corrosion behavior                  | Contains components only from EN 934-1: 2008, Annex A.1  |   |                                    |
| Compressive strength                | T3.1 (2)<br>At 24 hours:<br>Test mix $\geq$ 140 % control mix<br>At 28 days:<br>Test mix $\geq$ 115 % control mix  |   |                                    |
|                                     | T3.2 (3)<br>At 28 days:<br>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)<br>Increase in flow $\geq$ 160 mm from initial (350 $\pm$ 20) mm  |   |                                    |
|                                     | T3.2 (2)<br>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:

H.J. Dikmans  
 Technical director  
 (name)



(signature)

Breda, 13-04-2021

(place and date of issue)

**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.

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Cugla BV

Versie: 13-04-2021