

DECLARATION OF PERFORMANCE

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

No: EH0364-01-09-2018

Unique identification code of the product type:
CUGLA HR-33 con. 25% 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. 1,5% (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:

H.J. Dikmans
Technical director
(name)

Breda, 01-09-2018
(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.