

## Declaration of Performance

According to Annex III of the Regulation (EU) No 305/2011  
Amended by commissions delegated Regulation (EU) No. 574/2014

Unique reference number:	DK0272/01
Unique identification code of the product-type	MasterCO <sub>2</sub> re 5100
Intended use/es:	High Range Water Reducing / Super Plasticizing Admixtures for Concrete EN 934-2:T3.1/3.2
Manufacturer:	Master Builders Solutions Denmark A/S Hallandsvej 1 DK-6230 Rødekro
System/s of AVCP:	System 2+
Harmonized standard:	EN 934-2:2009+A1:2012
Notified body:	Bureau Veritas Certification Denmark A/S, identification number 0615
EC Certificate of factory production control:	0615-CPR-9803

### Declared performance (MasterCO<sub>2</sub>re 5100)

Essential characteristics	Performance	Harmonized Technical specification
Chloride ion content	<0,1%	EN 934-2:2009 +A1:2012
Alkali content	<2,0%	
Corrosion behavior	Contains components only from EN 934-1:2008, Annex A.1	
Compressive strength	T 3.1 (2) At 1 day: Test mix ≥ 140 % of control mix At 28 days: Test mix ≥ 115 % of control mix	
	T 3.2 (3) At 28 days: test mix ≥ 90 % of control mix	
Water reduction	In test mix ≥ 12 % compared with control mix	

Essential characteristics	Performance	Harmonized Technical specification
Air content in fresh concrete	Test mix $\leq 2\%$ by volume above control mix	
Consistency	T 3.2 (1) Increase in consistence Increase in flow $\geq 160$ mm from initial ( $350 \pm 20$ ) mm	
	T 3.2 (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 substances	None	

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:

Røddekro, 23.07.2024

Jens Qvist, Technical Manager  
 Name/Function

  
 Signature

According to Art. 6(5) 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