

DECLARATION OF PERFORMANCE

According to Annex III of Regulation (EU) No 305/2011
Amended by COMMISSIONS DELEGATED REGULATION (EU) No 574/2014

Name of the Product: ARC S1HB(E)

No. 085885EU_085888EU

1. Unique identification code of the product-type:

ARC S1HB(E)_085885EU_085888EU

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

Batch number: see packaging of product

3. Intended uses:

EN 1504-2 Surface protection product – Coating
Protection against ingress (1.3)
Moisture control (2.2)
Physical resistance (5.1)
Increasing resistivity (8.2)

4. Manufacturer:

Chesterton International GmbH, Daimlerring 9, Roedinghausen, Germany

5. System/s of AVCP:

System 4

6a. Harmonised standard:

EN 1504-2:2004

Notified body/ies: Not Applicable

7. Declared performance/s:

Essential characteristics	Performance	Harmonised Technical specification
Linear shrinkage	NPD	EN 1504-2:2004
Compressive strength	NPD	
Coefficient of thermal expansion	NPD	
Abrasion resistance	<3000 mg	
Adhesion by cross-cut	NPD	
Permeability to CO ₂	s _D > 50 m	
Permeability to water vapour	Class III	
Capillary absorption and permeability to water	w < 0,1 kg/m ² x h ^{0,5}	
Thermal compatibility	NPD	
Resistance to thermal shock	NPD	
Chemical resistance	NPD	
Crack bridging ability	NPD	
Impact Resistance	Class I: ≥ 4Nm	
Adhesion strength by pull off test	≥ 1,5 N/mm ²	
Reaction to fire	NPD	
Skid resistance	NPD	
Artificial weathering	NPD	
Antistatic behaviour	NPD	
Adhesion on wet concrete	NPD	
Release of dangerous substances	NPD	

NPD = No Performance Determined

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:

David Garcia Simao, Managing Director

Roedinghausen, Germany on 14 February 2022

