

DECLARATION OF PERFORMANCE
according Annex III of the Regulation (EU) No 305/2011
amended by Commissions delegated Regulation (EU) No 574/2014

Nr. RE 820 U S

1. Unique identification code of the product-type:

KÖSTER ECB 2.0 U S

2. Intended use:

Homogenous ethylene copolymer bitumen (ECB) based waterproofing membrane
With signal film according to EN 13967:2012
Waterproofing membrane as damp proof sheet

3. Manufacturer:

KÖSTER BAUCHEMIE AG
Dieselstraße 1 - 10
26607 Aurich

4. System of AVCP:

System 2+

5a. Harmonised standard:

EN 13967:2012

5b. Notified body:

Materialprüfanstalt (MPA) für das Bauwesen,
Beethovenstraße 52
38106 Braunschweig
Identification number 0761-CPD

6. Declared performance:

Essential characteristics	Performance	System of assessment and verification of constancy of performance	Harmonised technical specification
Reaction to fire	Class E		
Water tightness			
Method A	≥ 60 kPa watertight		
Method B	≥ 400 kPa watertight		
Tensile characteristics			
Tensile strength	≥ 9 N/mm ²		
Elongation at break	≥ 600 %		
Resistance to static loading			
Method A	≥ 20 kg		
Method B	≥ 20 kg		
Resistance to shock loads			
Method A	≥ 600 mm		
Method B	≥ 1750 mm		
Tear continuation resistance (nail shank)	≥ 450 N		
Water vapor permeability	μ = 100000		
Resistance to root penetration	passed		
Resistance of the joint seams to shearing	≥ 500 N/50 mm No failure in the overlap		
UV resistance	passed		
Exposure to bitumen	passed		
Exposure to liquid chemicals including water	passed		

The performance of the product according to point 1 and 2 corresponds to the declared performance of point 6. The manufacturer according to point 3 is solely responsible for the production of this service.

Signed for and on behalf of the manufacturer by:

Dr. Thorsten Lauterbach
(Research and development)

Aurich, February 15, 2021

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(place and date of issue)

i. A. Lauterbach

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(signature)