

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

Nr. RT 818 Pro

**1. Unique identification code of the product-type:**

KÖSTER TPO 1.8 Pro

**2. Intended use:**

Polyolefin based waterproofing membrane with centrally embedded glass fiber mesh according to the EN 13956:2012 for waterproofing flat and sloped roofs.  
Application by loose laying with ballast and mechanical fastening.

**3. Manufacturer:**

KÖSTER BAUCHEMIE AG  
Dieselstraße 1 - 10  
26607 Aurich

**4. System of AVCP:**

System 2+

**5a. Harmonised standard:**

EN 13956:2012

**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
Exposure to external fire	B <sub>ROOF</sub> (t1)*	System 2+	EN 13956:2012
Reaction to fire	Class E		
Water tightness Method B	≥ 400 kPa/72 h		
Tensile characteristics Tensile strength Elongation at break	≥ 5 N/mm <sup>2</sup> ≥ 350 %		
Resistance to static loading Method B	≥ 20 kg		
Resistance to shock loads Method A Method B	≥ 400 mm ≥ 1000 mm		
Tear continuation resistance	≥ 175 N		
Peel resistance of the overlap	≥ 400 N/50 mm		
Resistance of the joint seams to shearing	No failure in the overlap		
UV resistance	Passed		
Exposure to bitumen	Passed		
Exposure to liquid chemicals including water	Passed		
Folding at low temperatures	≥ - 30°C		
* valid for the tested roof systems			

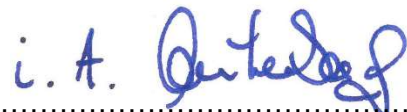
The performance of the product according to point 1 and 2 corresponds to the declared performance of point 6. The manufacturer according to point 3 is solely responsible for the production of this service.

Signed for and on behalf of the manufacturer by:

Dr. Thorsten Lauterbach  
(Research and Development)

Aurich, August 12, 2020

(place and date of issue)



(signature)