

DECLARATION OF PERFORMANCE

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



KÖSTER TPO 1.8 FR

RT 818 150 FR

- | | |
|---|---|
| 1. Unique identification code of the product-type: | KÖSTER TPO 1.8 FR Nr. RT 818 FR251006 |
| 2. Intended use: | Polyolefin based waterproofing membrane with centrally embedded glass fleece according to the EN 13956:2012 for waterproofing flat and sloped roofs. Application by loose laying with ballast or mechanical fastening |
| 3. Manufacturer: | KÖSTER BAUCHEMIE AG Dieselstraße 1 - 10 26607 Aurich |
| 4. System of AVCP: | System 2+ |
| 5. Harmonized standard: | EN 13956:2012 |
| 6. Notified body: | Materialprüfanstalt (MPA) für das Bauwesen, Beethovenstraße 52 38106 Braunschweig Identification number 0761-CPD |



7. Declared performance:

| Essential characteristics | Performance | System of assessment and verification of constancy of performance | Harmonised technical specification |
|--|---|---|------------------------------------|
| Reaction to fire | Class E | System 2+ EN 13956:2012 | |
| Exposure to external fire | $B_{ROOF}(t1)/(t2)/(t3)^*$ | | |
| Water tightness Method B | $\geq 400 \text{ kPa}/72 \text{ h}$ | | |
| Tensile characteristics Tensile strength Elongation at break | $\geq 5 \text{ N}/\text{mm}^2$ $\geq 400 \%$ | | |
| Resistance to static load Method B | $\geq 20 \text{ kg}$ | | |
| Resistance to shock loads Method A Method B | $\geq 700 \text{ mm}$ $\geq 1250 \text{ mm}$ | | |
| Tear continuation resistance | $\geq 140 \text{ N}$ | | |
| Peel resistance of the overlap | $\geq 400 \text{ N}/50 \text{ mm}$ | | |
| Resistance of the joint seams to shearing | Failure beyond the overlap | | |
| UV resistance EN 1297 | $\geq 5000 \text{ h passed (grade 0)}$ | | |
| Exposure to bitumen | passed | | |
| Exposure to liquid chemicals including water | passed | | |
| Folding at low temperatures | $\leq -30 \text{ }^\circ\text{C}$ | | |

* Requirements are met for roofs tested by KÖSTER.



The performance of the product according to point 1 and 2 corresponds to the declared performance of point 7. 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, 06.10.2025

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(place and date of issue)

i.V. 

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(signature)