

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

KÖSTER MS-Flexfolie

1. Unique identification code of the product type:

Nr. EAD 030350-00-0402

KÖSTER MS-Flexfolie

2. Intended use:

Liquid-applied roof waterproofing based on silane modified polymers (SMP)

3. Manufacturer:

KÖSTER YAPI KİMYASALLARI İNŞ. SAN. Ve TİC. A.Ş. GEBKİM Kimya İhtisas OSB Atatürk
Bulvarı No:6 (41455) DİLOVASI / KOCAELİ

4. Authorized representative:

Not relevant

5. Systems for evaluation and verification of constancy of performance:

System 3

6a. Harmonized standard:

EAD 030350-00-0402

6b. Notified bodies:

NB 1119, Kiwa GmbH Niederlassung Polymer Institut
(System 3)
NB 1020 Testing Ltd., NB 1020 TZUS s.p.
(System 3 für die Brandprüfung)

7. Declared performance:

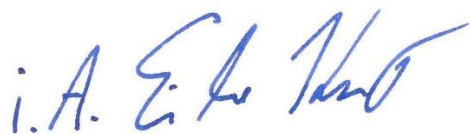
Main features	Performance	Performance evaluation and verification system	Harmonized technical specification
Reaction to fire	D-d1, d0		EN 13501-1
Release of dangerous substances	S/W 2		TR-034
Water vapor permeability	$\mu=980$ (average)		DIN EN 1931
Watertightness	0,1 bar/24 h (watertight)		TR-003
Resistance to mechanical damage (compressible and solid substrates)	M&S (Temperate and extreme climate); TL 4 (extreme low temperature); TH 4 (extreme high temperature)		TR-006
Roof slope	S1-S4 (slope <5% to >30%)		EAD 030350-00-0402
Loading capacity	P3 (normal, for insulation material with bitumen); P4 (Special for concrete)		EAD 030350-00-0402
Lowest surface temperature	TL 5 (-30 °C)		TR-006
Highest surface temperature	TH 4 (90°C)		TR-007
Service life	W2 (10 years)		EAD 030350-00-0402
Resistance to plant roots	NPD		EAD 030350-00-0402
Resistance to wind loads	0,7 MPa (concrete); 0,6 MPa (concrete after water storage); 0,2 MPa (bituminous membrane on insulation)		TR-004
Effects of day joints	Concrete (24 h, 0,7 MPa)		EAD 030350-00-0402
Resistance to mechanical damage (Perforation)	I4 (dynamic perforation test); L4 (static perforation test on concrete); L3 (static perforation test on bitumen)		TR-006

Main features	Performance	Performance evaluation and verification system	Harmonized technical specification
Resistance to fatigue movement	Initial - 10 °C (no cracking), 100 days, + 80 °C; thermal aging (- 10 °C, no cracking)		TR-008
Slipperiness	NPD		EN 13893
Resistance to UV radiation in presence of moisture	400 MJ/m ² (no visual changes)		TR-010
Resistance to thermal aging	100 Tage, 80°C (no change)		TR-011
Resistance to water aging	90 Tage, 80°C (no change)		TR-012

The performance of the product referred to in points 1 and 2 shall be equal to the declared performance as specified in point 7. The sole responsibility for drawing up this declaration of performance is the manufacturer referred to in point 3.

Signed for the manufacturer and on behalf of the manufacturer of:

Dr. Eike Kunst
(Research and Development Export)



Aurich, 23.06.2022

(Place and date of issue)

(Signature)