

Declaration of Performance

No.: SYN-KLO-001-CE
Version: 12/2022

Permo Eco 110 (formerly Permo Ecovent)
KU0039-2; KU0039-2-15; KU0039-2-11-15

1. UNIQUE IDENTIFICATION CODE OF THE PRODUCT TYPE

Permo Eco 110

2. INTENDED USE

Underlays for discontinuous roofing

3. MANUFACTURER

Klober GmbH
Scharpenberger Str. 72-90
58256 Ennepetal
Germany

4. AUTHORIZED REPRESENTATIVE

Klober Ltd
BMI House, 2 Pitfield, Kiln Farm, Milton Keynes MK11 3LW
United Kingdom

5. SYSTEM OR SYSTEMS AVCP

System 3

6. HARMONISED STANDARD or ETA

EN13859-1/-2: 2010

7. NOTIFIED BODY(IES)

DE - 0751 / 0761

Signed for and on behalf of the manufacturer by:

Markus Brando



Director Klöber GmbH
Germany
19.12.2022

8. DECLARED PERFORMANCE

Essential Characteristics	Performance	Harmonized technical specification
Reaction to fire (EN13501-1)	E-Class	EN 13859-1/-2: 2010
Resistance to water penetration (EN1928)	W1	
Tensile strength (N/50mm) MD (EN 12311-1)	200 +/-30N/5cm	
Tensile strength (N/50mm) CD (EN12311-1)	135 +/-30N/5cm	
Elongation MD/CD (%) (EN12311-1)	70/80 (+/-15)	
Elongation after ageing MD/CD (%) (EN12311-1)	60/65 (+/-15)	
Resistance to tearing (N) (nail shank) MD (EN 12311-1)	135 +/-30N	
Resistance to tearing (N) (nail shank) CD (EN 12311-1)	160 +/-30N	
Pliability (EN1109)	-25°C	
Tensile strength after ageing (N/50mm) MD (EN12311-1)	>130N/5cm	
Tensile strength after ageing (N/50mm) CD (EN12311-1)	>87N/5cm	
Resistance to water penetration after ageing (EN1928)	W1	

NPD: No performance determined

The performance of the product identified in points 1 and 2 is in conformity with the set of declared performance/s in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.