

**KALIKO MULTIPLAN SF –UNIVERSAL PVC-P ROOFING MEMBRANE**

**FOR USE WITH ANY CURRENT<sup>1</sup> SINGLE PLY FIXING METHOD  
YOU CHOOSE THE FIXING SYSTEM - YOU MAKE THE DECISIONS  
NO RESTRICTIONS - NO ADDITIONAL TRAINING - NO ADDITIONAL COSTS**

PVC-P single ply Roofing membrane with a 10 year insurance backed warranty

**40 years in the UK without a single membrane failure**

Light or Dark grey colour, extruded PVC-P, polyester reinforced  
For waterproofing flat or pitched roofs - new or refurbishment

Standard membrane for loose laid, mechanically fixed, ballasted or green roofs



- Excellent durability and resistance to weathering
- High resistance to ageing
- Easily welded using hot air or solvent
- Very good mechanical properties
- Resistant to normal environmental pollutants and micro organisms
- Not resistant to Bitumen
- Free from heavy metals for easy recycling
- Root resistant according to FLL-Guidelines
- Resistant to flying sparks and radiant heat according to DIN Standard 4102 part 7
- Manufacturing in accordance with DIN and EN ISO 9001 requirements
- Supervision by state testing institutions

Properties	Requirements according to DIN 16734	Results
Straightness (g) and flatness (p)	$G \leq 50 \text{ mm}; p < 10 \text{ mm}$	$\leq 15; < 10$
Overall thickness	1,2; 1,5 mm	1,50mm
	$1,35 \leq d \leq 1,60$	1,48mm
	$\geq 1,30$	1,43mm
Tensile strength	$\geq 800 \text{ N}$	$> 1100\text{N}$
Elongation at break	$\geq 10\%$	$> 15\%$
Joint strength	Crack other than at the joint	Passed
Tear propagation force	$\geq 180 \text{ N}$	$> 230\text{N}$
Separating force	$\geq 80 \text{ N}$	$> 120\text{N}$
Dimensional stability after accelerated ageing, 6 h/ 80°C	$\leq 1\%$	$< 0,5\%$
Condition after accelerated ageing	Free from blisters	Passed
Low temperature flexibility	Free from cracks (-20°C)	Passed
Moisture resistance factor	$\leq 30.000$	28.100
Resistance to root penetration	No root penetration	passed