



TECHNICAL SPECIFICATION

Product: FastFlash

Intended Use:

FastFlash flashing is an EPDM based membrane designed to waterproof roofs of Domestic, Industrial or Commercial buildings using Metal sheets, Concrete or Tiles. It is ideal for sealing roof windows, chimney, roof vent, fan, etc. installed on the roof

Technical parameters of the product construction:

Section	Property	Harmonized technical European specification:	Unit	Requirements / Minimal values
5.2.1	Visible faults	EN 13956:2006 Flexible sheets for waterproofing. Plastic and rubber sheets for roof waterproofing. Definitions and properties	-	None
5.2.2	Length		m	5 (+5%)
5.2.2	Width		m	0,3 (-0,5% +1%)
5.2.2	Straightness		mm	≤ 50/10m
5.2.2	Effective thickness		mm	2,5 (±5%)
5.2.2	Mass per unit area		kg/m ²	3,3 (±5%)
5.2.3	Water tightness		10 kPA Method B	Watertight
5.2.5.2	Reaction to fire		class	E
5.2.6	Hail resistance: Hard base: Soft base:		m/s	≥ 22 ≥ 33
5.2.7	Joint stripping strength: In longitudinal direction: In transverse direction:		N/50mm	≥ 18 > 18
5.2.7	Joint shearing strength: Transverse overlapping: Longitudinal overlapping:		N/50mm	≥ 150 ≥ 200
5.2.9	Tensile strength: In longitudinal direction: In transverse direction:		N/50mm	≥ 180 ≥ 250
5.2.9	Elongation In longitudinal direction: In transverse direction:		%	≥ 35 ≥ 15
5.2.10	Impact strength		mm	≥ 300
5.2.11	Static load resistance		Kg	≥ 15
5.2.12	longitudinal Tear resistance: In direction: In transverse direction:		N	≥ 99 ≥ 124
5.2.14	Stability of dimensions: In longitudinal direction: In transverse direction:	%	≥ 0,1 ≥ 0,4	
5.2.15	Flexibility at low temperatures	°C	≤ - 30	
5.2.16	UV exposure	3000 h	Fulfills test requirements	

ASTM Method	Test Description	Results ¹			
		Specification	Grey EPDM	Black EPDM	Red EPDM
D2240	Shore 'A' Hardness	50 +/- 5	47	52	54
D412	Tensile Strength (TS) (MPa min)	7.0 min	7.9	8.2	9.6
D412	Elongation @ Break (% min)	350 min	650	650	480
D624	Tear Resistance Die C (kN/m min)	20.0 min	22.5	29.9	34
D573	Heat Resistance 70 hrs @ 100°C				
	Change in Hardness (points)	+/- 10	7	8	2
	Change in TS (%)	+/- 25	6	18	3
	Change in Elongation (%)	+/- 25	15	20	-5
D471	Water Absorption 40hrs @70°C				
	Change in Volume (%)	5 max	3.8	2.9	1.5
D1171	Resistance to Ozone	100ppm No cracks	Passed	Passed	Passed
D2137	Low Temp. Brittleness (3 mins @ -50°C)	Non-brittle	Passed	Passed	Passed
-	Constant Temperature Resistance	-	-50 to 115°C	-50 to 115°C	-50 to 200°C
-	Intermittent Temperature Resistance	-	-50 to 150°C	-50 to 150°C	-50 to 250°C

Underwriters Laboratory (UL)

UL 94	Flame Resistance	HB	Passed	Passed	Passed
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Other

SAAHB39 - 1997	Installation Code for Metal Roofing and walling	-	Passed	Passed	Passed
AS2918 – 1990	Installation of Domestic Solid Fuel Burning Products	-	Passed	Passed	Passed
ASTM G154	Accelerated UV testing ² - 2000hrs	Max 50% loss in TS and max elongation	Pass		
-	Constant Temperature Resistance	-	-50 to 115°C	-50 to 115°C	-60 to 200°C
-	Intermittent Temperature Resistance	-	-50 to 150°C	-50 to 150°C	-60 to 250°C

¹ Typical values – not to be construed as specifications

² Test conducted in 8 hr cycles, 4 hrs at 660°C and 4hrs at 50°C relative dry cycle/ humidity. Lamp is UV-B 340 nm.