

EFFISUS STOPPER MR

DESCRIPTION

The Effisus Stopper MR solution is designed to permanently seal metal roof penetrations with diameters from 3 to 750mm. It allies to its EPDM or Silicone composition a based edged with aluminium bands that allow it to fit to virtually all metal roof corrugations.



TECHNICAL DATA

Technical Characteristics (ASTM)	Test Method	Specification	EPDM Grey	EPDM Black	Red Silicone
Shore Í Â Hardness	D2240	60 ± 5	60	60	60
Tensile strength (Mpa min)	D412	7.0 min	10.5	10.5	8.5
Elongation @ break (% min)	D412	350 min	650	650	525
Tear resistance Die C (kN/m min)	D624	20.0 min	31.5	32	22
Trouser tear (kN/m min)	D624	10.0 min	14	14.5	12
Heat resistance 70 hrs @ 100°C	D573				
Change in hardness (points)	D573	± 10	1	3	6
Change in tensile (%)	D573	± 25	3.5	-5	9
Change in elongation (%)	D573	± 25	-14	-16	-9
Compression set 22hrs @70°C (% máx)	D395		14	14.5	7
Resistance to ozone	D1171	100ppm No cracks	Passed	Passed	Passed
Low. temperature britleness (3mins @ 50°C)	D2137	No cracks	Passed	Passed	Passed
Flame resistance	UL 94	HB	Passed	Passed	Passed
Installation code for metal roofing and walling	SAAHB39-1997	-	Approved	Approved	Approved
Installation of domestic solid fuel burning products	AS2918-1990	-	Approved	Approved	Approved
Accelerated UV testing*	SAE J1960	400 hrs No cracks	Passed	Passed	Passed
Constant temperature resistance	-	-	-50°C a 115°C	-50°C a 115°C	-60°C a 200°C
Intermittent temperature resistance	-	-	-50°C a 150°C	-50°C a 150°C	-60°C a 200°C

* Tests conducted at 83°C, 50% relative humidity / dry cycle and 0.48 w/m2 (UV-A 340 nm)

OTHERS

Basic Use

Sealing of metal roof penetrations with diameters from 3 to 750mm.

Composition

Flexible EPDM membrane with a base edged with aluminum bands to form & follow the various corrugations of the roof.

Surface Preparation

Surface must be clean and dry. Moisture, dust, dirt, or other foreign matter should be removed. Remove oil and grease, etc. with Effisus Setup PR Cleaner or a non residue cleaner such as acetone or lacquer thinner. Remove salt and other contaminants.