DURAFOIL ULTRA DOUBLE FOIL®

SANS 1381-4: Category C
POLYPROP NON-WOVEN MEMBRANE WITH FOIL LAMINATES

REF. CD 065/005

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DATA	UNIT	TYPICAL VALUE
Category	–	C
Form	–	Roll
Length	mm	As per label
Width	mm	1250 ± 5
Mass per unit area	g/m2	176 ± 10
Resistance to delamination a) Dry at elevated ambient temperatures b) Wet at elevated ambient temperatures c) Resistance to corrosion	 – – –	 No delamination No delamination No corrosion
Shrinkage: a) Machine direction b) Cross machine direction	 % %	 < 1.5 < 1.5
Emissivity	%	≤ 0.05
Water vapour permeance: Reflective surface fire index	g/(s.MN) Class	< 0.002 1
Fire performance Tested in terms of SANS 10177-10	 Class	 B/B1/2
Tensile breaking strength a) Machine direction b) Cross machine direction	 kN/m kN/m	 > 2.2 > 2.4
Bursting strength	kPa	> 340
Puncture resistance	mJ	> 1500
Edge tear resistance a) Machine direction b) Cross machine direction	 N N	 > 70 > 50
System thermal resistance: Reflective surface facing hot surface	 (m2.K)/W	 > 1.4*

INSTALLATION INSTRUCTIONS

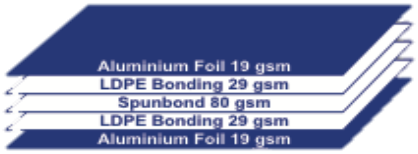
1) Domestic specifications

One layer of Durafoil Ultra over rafters and under battens. Lay Durafoil longitudinally over the rafters working from the eaves to the ridge and lapped 150mm at joints.

Special precautions

The foil layer has a poor resistance to acids and alkalis and must not be used in contact with wet concrete or be exposed to a corrosive environment. Unless special precautions are taken, the atmosphere in the roof space can cause corrosion of the foil layer that will directly effect its emissivity and therefore its thermal insulation properties.

** Previously achieved values of up to 1.61 (SABS Test Report Dated 2017/10/31)*



SABS APPROVED

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