

RL DERBICOLOUR FR CAPSHEET

FOR ULTRATHERM XTREME DERBIGUM MEMBRANE SYSTEM

DESCRIPTION

The Derbicolour FR membrane was developed through intensive research on the compatibility of raw materials. It unites a selection of the best bitumen and high-quality APP-TPO plastomers, meaning it is auto-protected in the mass and has durability of more than 40 years.

The Derbicolour FR membrane has a finishing layer in consisting of 100% natural slate flakes (light grey and dark grey) or granules (burgundy brown and green). The composite glass/polyester reinforcement gives a strong tear and puncture resistance.

Derbicolour FR respects the environment. The production is ISO 9001 certified since 1993, & ISO 14001 & EMAS since 1998.



Rooflogic Ultratherm Xtreme with Derbigum System installed to Waitangi Museum, Auckland

STORAGE

Rolls must be carried and stored in a vertical position. The floor must be regular and free of sharp objects.

PROPERTIES

DESCRIPTION	TEST METHOD	EXPRESSION OF RESULT	VALUES
Thickness	EN 1848-1	MDV (+/-0.2)	4 mm
Length	EN 1848-1	MLV	7.27 m
Width	EN 1848-1	MLV	1.10 m
Surface		MLV	8 m2
Roll Weight		MLV	44 kg
No. of rolls per pallet	20		
Flow Resistance	EN 1110	MLV	> 140oC
Cold Bending	EN 1100	MLV	<-18oC
Tensile Strength L/T	EN 12311-1	MDV (+/- 20%)	900/700 N/5cm
Dimensional Stability	EN 12311-1	MDV (+/- 15%)	40% / 40%
Tear Resistance	EN 12310-1	MDV (+/- 20%)	200 N
Resistance to Impact		MLV	2000 mm
Resistance to Static Load		MLV	20 kg
Fire Resistance	Conforms to EN 13501-5, classification BROOF (t1), (t3) according to ENV 1187 method		
Durability	> 40years proven by durability studies conducted in different European countries(reports available on request)		

WHITE REFLECTION VERSION		
SRI (SOLAR REFLECTIVITY INDEX)	ASTM 1980	51
INITIAL REFLECTIVITY	ASTM C 1549	44%
INITIAL EMISSIVITY	ASTM C 1371, ASTM E 408	92%