

RL DERBICOLOUR FR CAPSHEET

FOR ULTRATHERM XTREME DERBIGUM MEMBRANE SYSTEM

DESCRIPTION

The Derbicolour GR 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 a 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

PHYSICAL 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 | |

STORAGE

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

| DESCRIPTION | TEST METHOD | EXPRESSION OF RESULT | VALUES |
|---------------------------|--|----------------------|---------------|
| FLOW RESISTANCE | EN 1110 | MLV | > 1400C |
| COLD BENDING | EN 1100 | MLV | <-180C |
| 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 | | |

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