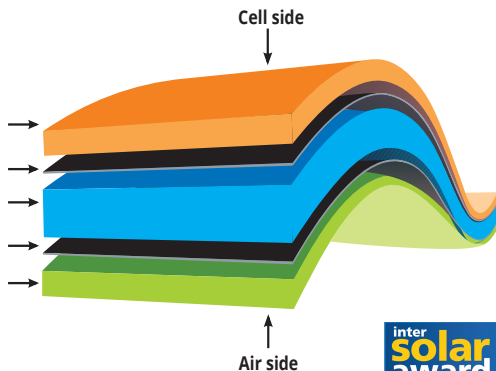


PRESERV E2 - 150 KN

'PRESERV E2 - 150 KN' is an ultra - low shrink, UV and weather stable, black insulation sheet. it is a specially designed insulation sheet, comprising sealable polymeric layers on both sides, to provide fused sealing between two Encapsulants, below and above the ribbons and bus bars. This makes inseparable layers of insulation around the ribbons and bus bars. This phenomenon protects PV modules from delamination, degradation and power leakage around the ribbons and bus bars during its service life. This black coloured sheet is suitable for All-Black PV modules.

STRUCTURE

1. Proprietary Priming Layer
2. Adhesive
3. PET
4. Adhesive
5. Proprietary Priming Layer



PROPERTIES

Particulars	Test Method	Unit	Description	Values
Thickness	Micrometre	µm		365
Width	Scale	mm		Up to 1250
Tensile Strength @ max load	ASTM D 882	Mpa	MD TD	≥ 90 ≥ 90
Elongation @ break	ASTM D 882	%	MD TD	≥ 90 ≥ 90
Thermal Shrinkage @ 150°C, 30 min.	ASTM D 1204	%	MD TD	≤ 1.5 ≤ 0.5
Interlayer Adhesion Strength	ASTM D 903	N/cm	PRIMER/PET PET/PRIMER	≥ 5 ≥ 5
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	PRIMER / EVA	≥ 70

Width: Up to 1000 mm - all sizes available. Sizes >1000 mm - make to order

PACKING:

Unless specified, below is the standard packing of 'PRESERV'
Length / Roll : 100 metres | # No of Rolls/Pallet : 9 or 12 |
Total Linear Metres/Pallet : 900 or 1200
Each roll is sealed in a protective bag in a corrugated box
Boxes are strapped on suitable pallets

Note :

The above technical information represents the typical range of properties and is believed to be correct as on date. This data should however not be used to establish specification limits or used as basis for design. RenewSys gives no warranty and assumes no liability in connection with any use of this information and is subject to the RenewSys general terms and conditions.