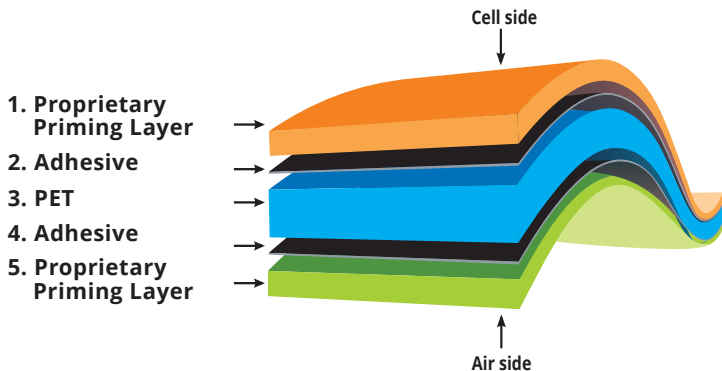


## PRESERV E2 - KN

'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 Bus Bar. This makes inseparable layers of insulation around the Bus Bar. This phenomenon protects PV modules from delamination, degradation and power leakage around the Bus Bar during its service life.

This black coloured sheet is suitable for white cell - side PV modules.

## STRUCTURE



## PROPERTIES - PRESERV E2 - 150 KN

Particulars	Test Method	Unit	Description	Values
Thickness	Micrometre	µm		365
Width	Scale	mm		Up to 1310
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	≥ 100

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

# PRESERV E2 - KN



**Packing** Unless specified, below is the standard packing of 'PRESERV'

- # Length/Roll: 180 or 230 metres | # No. of Rolls/Pallet: 9
- # Total Linear Metres/Pallet: 1620 or 2070
- # Each roll is wrapped with polyethylene sheet
- # Rolls are palletize vertically placed with top and bottom lid
- # No. of joints/supply: 70% Rolls will be joint-free of 180 LM, however, balance 30% rolls will be with varied joint-free length between 50 LM-180 LM

**Note :** The above technical information represents the typical range of properties and is believed to be correct as on date. However, this data should not be used to establish specification limits or used as basis for design. Lamination parameters and Quality of other components of the laminate during module manufacturing impact on the overall performance of the module, and hence we recommend the user to carry out intensive trials to test suitability of this product and module laminating conditions. RenewSys gives no warranty and assumes no liability on connection with any use of this information and is subject to the RenewSys general terms and conditions.



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Encapsulant

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