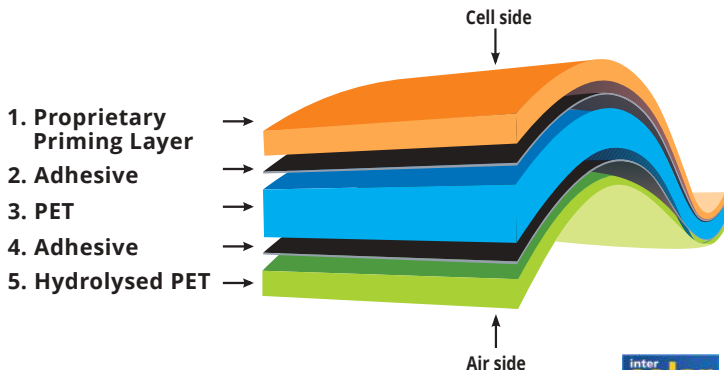


## PRESERV A - WN

'PRESERV A - WN' is a Non - Fluoro based, UV and weather stable White Backsheet. PRESERV A - 190 WN, 150 WN, 125 WN, 100 WN can be used for all Crystalline and many Thin - Film PV modules.

### STRUCTURE



## PROPERTIES

Particulars	Test Method	Unit	Description	PRESERV 190 WN	PRESERV 150 WN	PRESERV 125 WN	PRESERV 100 WN
Thickness	Micrometre	µm		360	320	300	270
Width	Scale	mm		Up to 1250	Up to 1250	Up to 1250	Up to 1250
Tensile Strength @ max load	ASTM D 882	MPa	MD TD	≥90 ≥90	≥90 ≥90	≥90 ≥90	≥90 ≥90
Elongation @ break	ASTM D 882	%	MD TD	≥90 ≥90	≥90 ≥90	≥90 ≥90	≥90 ≥90
Thermal Shrinkage @ 150°C, 30 min.	ASTM D 1204	%	MD TD	≤1.5 ≤0.5	≤1.5 ≤0.5	≤1.5 ≤0.5	≤1.5 ≤0.5
Interlayer Adhesion Strength	ASTM D 903	N/cm	HPET/PET PET/PRIMER	≥5 ≥5	≥5 ≥5	≥5 ≥5	≥5 ≥5
Adhesion Strength with Encapsulant	ASTM D 903	N/cm	Backsheet/ EVA	≥70	≥70	≥70	≥70
Moisture Barrier - MVTR @ 38°C, 90% RH	ASTM F 1249	g/ (m <sup>2</sup> - day)		≤ 1.4	≤ 1.5	≤ 1.6	≤ 1.7
Dielectric Strength	ASTM D 149	kV		23	20	20	18
System Voltage	IEC 61730 - 1	VDC		≥1000	≥1000	≥1000	≥1000

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: 12 or 16 |  
 # Total Linear Metres/Pallet: 1200 or 1600  
 # Each roll is sealed in a protective bag  
 # 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.