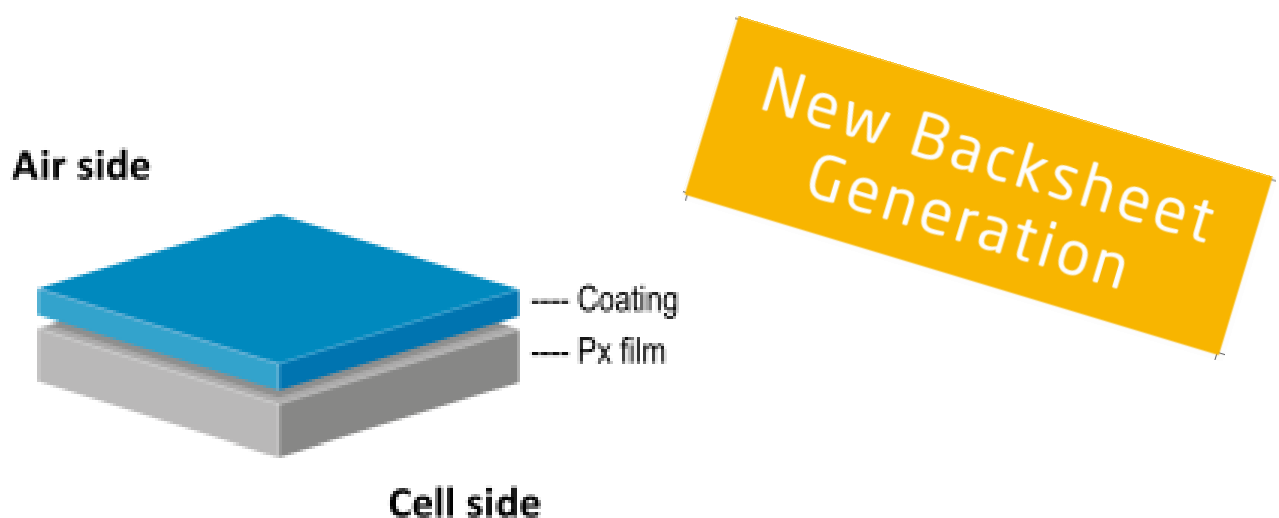


Das backsheet CPx 1000/1500

NEW polymer backsheet – A big step for the solar future

FERON's NEW polymer backsheet CPx increases the performance and the lifetime of crystalline solar modules with its perfect combination of weathering and hydrolysis stability and is price attractive compared to current PET-based backsheet solutions.



Perfect performance for a long lifetime of PV modules:

- mono film backsheet solution
- no film laminate – no delamination possible between the layers!
- long-term stability with very high DHT (> 8,000 h) due to a new highly cross-linked polyolefin polymer
- outstanding UV stability (15,000 h xenon test according to ISO 4892-2)
- exceptional mechanical properties
 - reduced tension due to polyolefin polymer and no use of adhesive layer
 - higher mechanical resistance through full thickness
- high reflectivity, leading to a higher current yield in the module
- fluorine-free and free of unstable hot melt adhesive films
- environmentally friendly (fluorine-free) and recyclable

Optimal handling in lamination process:

- lamination recipe similar to standard PET-based backsheets
- very low shrinkage
- no contamination of the laminator due to E-Layer
- ideal replacement for PET-based backsheets

