

Title (en)  
WEATHER-RESISTANT BACKING FILMS

Title (de)  
WITTERUNGSBESTÄNDIGE RÜCKSEITENFOLIEN

Title (fr)  
FEUILLES ARRIÈRE RÉSISTANT AUX INTEMPÉRIES

Publication  
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Application  
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Abstract (en)  
[origin: CA2806311A1] The invention relates to the use of non-transparent, methacrylate-containing one-, two- or multi-layered films in flexible photovoltaic systems, and to the production of said films by extrusion coating, extrusion lamination (adhesive lamination, melt lamination or hotmelt lamination) or glue lamination. For this purpose, e.g. a thin, inorganic or metallic coated film, for example made of PET, is laminated or coextruded with a weather-resistant film, e.g. a film made of PMMA or PMMA polyolefin coextrudate. In particular, laminates are produced in which at least one of the two layers is non-transparent. An optional inorganic oxide or metal layer has the property of a high barrier effect against water vapour and oxygen while the PMMA layer exhibits weather resistance stability.

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