



Meyer Burger Premium Backsheet

March 2022

Meyer Burger premium backsheet – maximum security

The aluminum backsheet for maximum security and stability



Fig.1: Meyer Burger solar module back side



Fig.2: Meyer Burger backsheet-examples WHITE and BLACK (section)

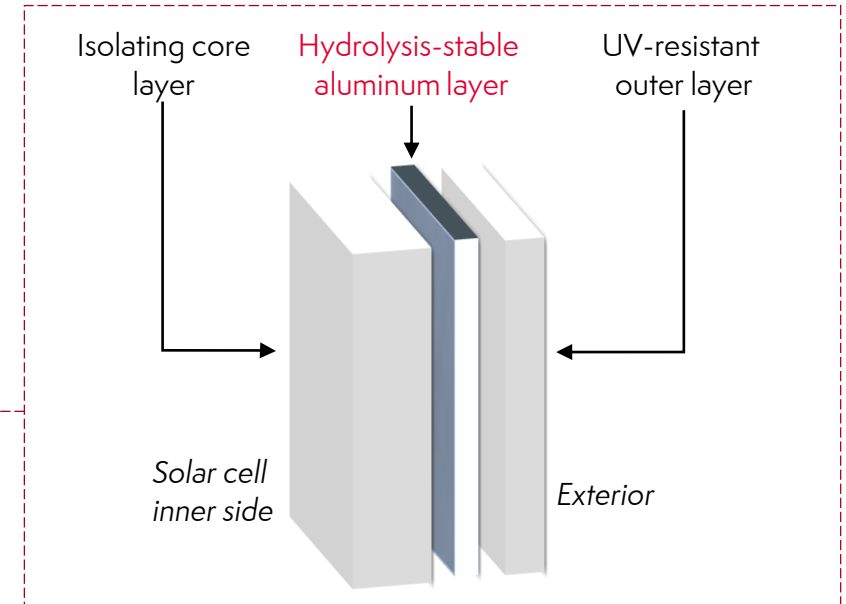


Fig.3: schematic layer structure of Meyer Burger WHITE and BLACK backsheets

1. The extra layer of aluminum protects the highly efficient cells, even if scratches occur on the surface
2. Better heat dissipation of the aluminum layer in solar module operation ensures maximum yields
3. Extremely low water-vapor-transmission-rate (comparable to glass) protects against moisture penetration into the solar module, enabling market-leading guarantees

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Lowest WVTR (water-vapor-transmission-rate) due to the aluminum barrier-layer in the backsheet.

This layer is a real humidity barrier and thus protects the solar module against moisture and corrosion, comparable to glass at the backside.



Very high UV-resistance even under extreme conditions.

Due to the UV-resistant outer side as well as the aluminum layer, the core layer is particularly well protected against UV-irradiation.



Long service life thanks to maximum stability results in market-leading guarantees.

The additional aluminum layer also protects the core layer and the solar cells from scratches on the surface of the backsheet-foil.



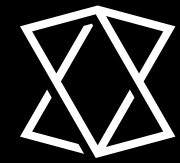
Highest reflection of sun rays.

Optimal utilization of the light is ensured in Meyer Burger White and also in Meyer Burger Black modules by using the highly reflective backsheet. This leads directly to an increased power yield in the module.



Environmentally friendly and recyclable: Our backsheet is free from fluoropolymers.

No toxic perfluorinated or polyfluorinated chemicals (PFC/PFAS), which can accumulate in our environment or even in bodies, are used in the manufacturing process. Also in recycling, thermal disposal or in case of fire, no toxic hydrogen fluorides are released.



MEYER BURGER

Ready to shine.