



POLIFILM



CUTTING EDGE SUPERIOR UV-PROTECTION

FOR LONG-TERM USE UNDER EXTREME CONDITIONS

THE FILM SOLUTION FOR ARCHITECTURAL APPLICATIONS.

During the construction phase, aluminium composite panels and sandwich panels require reliable surface protection, sometimes if necessary, for many months. In regions with high UV levels and intense UV radiation, this can be a great challenge. Intense UV radiation attacks the plastic of the carrier film causing it to age and become brittle. Conventional protective films therefore lose their protective properties under these conditions and become very difficult to remove after the work is completed.

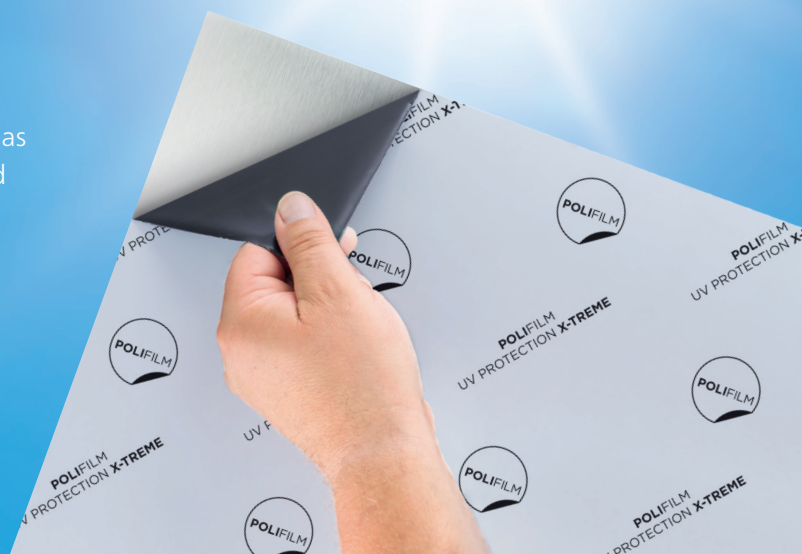
The new protection film from POLIFILM PROTECTION is different: it is super UV-resistant and can remain on the surface for up to 18 months even under harsh conditions.

-  **Optimum removal guaranteed:** The new protective film withstands extreme solar irradiation. Even after a long period of time it does not become brittle and can be removed in a single step without tearing. Due to its UV-stabilized adhesive formulation it also leaves no residue on removal.
-  **Tried and tested endurance:** The exceptional UV stability of the protective film has already been proven in UV-intense environments. Long-term weathering tests in Florida and Arizona have confirmed that even after 18 months of UV exposure, the film could still be removed just as easily as when it was first applied.

EXCELLENCE IN FILMS



The composition of the polyethylene carrier film has an **innovative formulation of UV-absorbing and light-stabilising polymer additives**. It effectively protects the molecular chains of the plastic from the negative impact of intense UV radiation. The UV-stabilised natural-rubber based adhesive gives excellent resistance to UV radiation whilst still maintaining the necessary surface adhesion.



OPTIMAL PROTECTION IN EVERY CLIMATE

CHARACTERISTICS OF THE FILM

PRODUCT TYPE	ADHESIVE TYPE	ADHESIVE STRENGTH	FILM THICKNESS	COLOUR
PF562C SUV	Natural Rubber	Medium	60 70 80 µm	Black-White
PF564C SUV	Natural Rubber	High	80 100 µm	Black-White

On request also available with other adhesive strengths, other film thicknesses and imprints according to customer requirements.

It therefore offers manufacturers of aluminium composite panels and sandwich panels many advantages:

- ✓ **Maximum Protection:** The film protects the surface over an exceptionally long period of time. In countries with intense solar radiation, the films can remain on the surface for up to 18 months; in western European climates this can even be up to 24 months.
- ✓ **Satisfied customers:** The super UV-resistant protective film can be removed after a long period of time just as easily as when it was brand first applied. This creates efficient working, reduces the number of complaints and minimises the time and expense needed for reworking.
- ✓ **Simple Solution:** With this new film type, global manufacturers of architectural components now have a single film solution for use in all their markets worldwide. This streamlines the ordering process and simplifies logistics.