

APETlite® Solid Polyester Sheet

5 year limited warranty on weathering resistance



Product definition

APETlite® sheets are extruded sheet made of amorphous Polyethylene Terephthalate (PET) APETlite® is highly resistant to environmental influences and therefore can be recommended for outdoor use

Scope of warranty

We guarantee the solid APETlite® sheets for 5 years on weathering resistance, rigidity and impact strength.

Warranty statements

Optical;

APETlite® retains its light transmission

The sheets will have a transmittance after 5 years which is not more than 10% lower than at the time of delivery. The transmittance is measured on clean, unscratched specimens according to ASTM D-1003.

Warranty conditions

Conditions of the warranty are that

The goods were paid for and that the purchasers invoice is presented from which the name and address of the purchaser can be identified as well as the date and time of the purchase, the product value and the product designation.

The purchaser has checked the material at delivery and has registered any defects with the manufacturer.

The material was stored, transported, processed, fabricated and Installed in a manner appropriate for the material.

The material must not be detrimentally affected by bonding, fixing and/or sealing elements.

The material was not exposed to chemicals or products which may detrimentally affect the material.

The material must not be thermoformed.

The material must not be exposed to temperatures above 60 °C.

The purchaser issues notification in writing of the defect within a week of its detection by submitting the invoice on which the affected material is identified.

The purchaser allows inspection and testing to be carried out by the manufacturer

Mechanical;

APETlite® retains rigidity

The sheets will have a modulus of elasticity of not less than 2200 MPa. after 5 years. The elastic modulus is measured in accordance with the method ISO 527 at 23 °C on standard specimen samples and the average value established for 5 scratch free clean and polished specimens which have been conditioned to the equilibrium state in the standard climate of 23 °C and 50% RH.

PETGlite® UV will not become brittle and will retain strength

The tensile strength will be greater than 45 MPa after 5 years. The tensile strength is measured in accordance with the method ISO 527, at 23 °C, on standard specimen samples and the average value established for 5 scratch free clean and polished specimens which have been conditioned to the equilibrium state in the standard climate of 23 °C and 50% RH.

Note

The specimen thickness must be between 1 and 4mm
The specimen surface obtained by mechanical treatment needs to be smooth and polished

Product Liability Clause; Our advice does not release you from the obligation to verify the information currently provided – especially that contained in our safety data and technical information sheets and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery **Jurisdiction** This limited warranty shall be governed by and shall be construed according to the laws of the Republic of Ireland. THIS LIMITED WARRANTY SHALL BE THE MANUFACTURERS SOLE WARRANTY APPLICABLE TO THE PRODUCT. ANY OTHER CLAIMS FOR DAMAGE OR LOSS EITHER DIRECT, INDIRECT OR CONSEQUENTIAL, WHATEVER THE CAUSE THEREOF, ARE EXPRESSLY EXCLUDED FROM THE WARRANTY.

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In the event of a justified complaint where warranty conditions are met and claim is accepted, we will replace the material free of charge ex works in according to the scale
 If replacement material cannot be supplied, the customer will be refunded with the original purchase price according to the scale.
 The warranty when met and accepted will not give consideration with respect to any consequential costs or subsequent damage and further claims are excluded.

The above conditions being attain, drilled or riveted sheets will be covered solely by the 10 year warranty on light transmission

This warranty is valid for the following European countries:
 Germany, Great-Britain, M-France, Sweden, Norway, Denmark, Finland, The Netherlands, Belgium, Luxemburg, Switzerland, Austria, Poland, Northern Italy, Northern Spain and Ireland



Scale of replacement of material

Period after purchase and percentage replaced	
Up to 1 years	100%
Within 2 nd year	70%
Within 3 rd year	50 %
Within 4 th year	30 %
Within 5th year	20 %

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