

Warranty, April 2005

Vivak[®] Solid Copolyester Sheet

10 years warranty on impact strength

Product definition

Vivak[®] sheets without UV protection and for indoor applications.

Scope of Warranty

We guarantee solid sheets of Vivak[®] for 10 years on impact strength.

Warranty Statements

1. Vivak[®] retains its rigidity

This means that sheets will have a modulus of elasticity of $E \geq 1900$ MPa after 10 years. The elastic modulus is measured in the tensile test according to ISO 527 at 23 °C, as the average value established for 5 specimens with parallel faces which have been conditioned to the equilibrium state in the standard climate of 23 °C and 50%RH.

2. Vivak[®] does not turn brittle and retains its strength

This means that the tensile strength by is $\sigma_y \geq 40$ MPa after 10 years. The tensile strength is measured in the tensile test according to ISO 527, at 23 °C, as the average value established for 5 specimens with unscratched parallel faces which have been conditioned to the equilibrium state in the standard climate of 23 °C/50% RH.

Note

The specimen thickness must be between 1 and 4 mm. The specimen surfaces, obtained by mechanical treatment, need to be smooth and polished.

Conditions of warranty

Vivak[®] sheets

- must be stored, transported, fabricated and installed (or used) in a manner that suits the material,
- must not be (adversely) affected by connecting, fixing and/or sealing elements,
- must only be used inside i.e., they are to be protected against sunlight,
- must be protected against the adverse influences of chemicals,
- must not be thermoformed,
- must not be drilled or riveted
- must not be exposed to temperatures above 60 °C

This warranty is valid for all European countries.

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Applicability

A complaint under this warranty will be considered,

- a) if caused within the warranty period despite demonstrable observance of the conditions of guarantee,
- b) if made without delay during the warranty period, and
- c) if an invoice issued by the salesperson is presented, showing the name and address of the buyer, the purchase date, complete product description and number of sheets purchased.

If the claim is justified, we will replace the material free of charge ex works as stipulated on the right.

If replacement material cannot be supplied, the customer will be refunded with the original purchase price according to the same pattern. Further claims are excluded.

Replacement of faulty material

Period after purchase date	Percentage replaced
up to 5 years	100 %
within 6 th year	75 %
within 7 th year	60 %
within 8 th year	45 %
within 9 th year	30 %
within 10 th year	15 %