

WARRANTY CONDITIONS

LEXAN™ EXTRITE™ SHEET

FIFTEEN YEAR WRITTEN LIMITED WARRANTY ON BREAKAGE & WEATHERING

LEXAN™ EXTRITE1 sheets will not break due to loss of impact strength through weathering and will not display excessive yellowing and loss of light transmission as defined herein, within fifteen (15) year of the date of sale by SABIC.

This limited written warranty is subject to the following conditions:

1. The limited written warranty applies exclusively to LEXAN EXTRITE1 produced by SABIC Europe in colors 112 (clear), 5109 (bronze) & GY6E575T (grey) used correctly as flat or curved glazing, handled, stored, processed, installed and maintained according to SABIC recommendations contained in the Technical Manual.
2. Although the sheet is UV protected on both sides the EXTRITE1 side should always face the outside environment. The product can be cold curved and thermoformed. For forming, the following is applicable:
 - a. Forming shall not exceed a minimal sheet thickness of 50% of the original flat sheet thickness as measured over the total surface. This corresponds to a maximum draw ratio of 2:1.
 - b. The sheets can be cold formed into gentle curves of 175 times the sheet thickness. It can also be cold line bent under an angle of a maximum of 90° using ordinary workshop equipment
 - c. These products are thermoplastic sheets which can be thermoformed into the desired geometry whilst retaining the UV resistance.
3. This limited written warranty does not apply to sheet that has been scratched, abraded or exposed to corrosive materials or chemicals.
4. This limited written warranty is given only to the original purchaser of SABIC sheet and does not extend to any subsequent purchaser or transferee. Any warranty claim hereunder must be made immediately within the warranty period by specifying the claim in writing and submitting to SABIC the original sales receipt which must contain the name and address of the purchaser, the date of purchase, the complete product name, the lot number and the volume purchased. On request of SABIC claimant must allow the material to be inspected on site and/or return the sheet to SABIC for testing.
5. For the purpose of this limited written warranty:

Mechanical properties after 15 years:

 - a. The sheets will have a modulus of elasticity ≥ 1700 MPa after 15 year. The elastic modulus is measured in the tensile test according ISO 527 at 23 °C, as the average value established for 5 specimen with parallel faces which have been conditioned to the equilibrium state in the standard climate of 23 °C / 50% RH
 - b. The tensile strength is ≥ 55 MPa. The tensile strength is measured in the tensile test according ISO 527 at 23 °C, as the average value established for 5 specimen with unscratched parallel faces which have been conditioned to the equilibrium state in the standard climate of 23 °C / 50% RH.

Optical properties after 15 years:

 - a. Yellowing will be determined by subjecting a cleaned sheet sample to Yellowness Index Test ASTM E313:2010. Any claims for sheet displaying a change in Yellowness Index of less than 6Δ compared with its original value, will not be accepted.

- b. Loss of light transmission will be determined by subjecting a cleaned sheet sample to Light Transmission Test ASTM D1003:2011.

Any claims for sheet displaying a loss of light transmission of 6% points or less compared to its original value, will not be accepted.

- 6. SABIC reserves the right to investigate independently the cause of any failure.
- 7. If a claim under this limited written warranty is justified, SABIC will provide replacement material free of charge in accordance with the following schedule:

Time from Orig. Purchase Date	Material Replacement
Up to 7 year	100%
in 6th year	75%
in 7th year	60%
in 8th year	75%
in 9th year	60%
in 10th year	45%
In 11 th year	30%
In 12 th – 15 th year	15%

If replacement material cannot be provided within a reasonable period of time, SABIC may opt to refund the original purchase price paid to SABIC, or a portion thereof, in accordance with the above schedule.

- 8. This limited written warranty shall be SABIC sole liability and customer’s exclusive remedy for the products and all other claims for damages are excluded. This warranty is in lieu of all other warranties (except of title), written or oral, statutory, express or implied, including any warranty of merchantability or fitness of purpose. This warranty shall be governed by the laws of the Netherlands.
- 9. This limited written warranty has been issued on November 1st, 2021 and is restricted to LEXAN™ EXTRITE1 material sold by SABIC after such date and supersedes all previously issued warranties for above mentioned products, sold after said date. The validity of this limited written warranty is restricted to LEXAN EXTRITE1 sheet and this limited written warranty is the sole warranty for LEXAN EXTRITE1 sheet.

This warranty is only valid for locations with a maximum annual IR solar radiation of 1750 kWh/m²

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