

WARRANTY CONDITIONS

LEXAN EXELL™ D OB SHEET

10 YEAR LIMITED WARRANTY

Standard LEXAN EXELL™ D OB sheet 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 ten (10) years 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 sheet glazing produced by SABIC in Europe in optical bright opal white color (WH7D1360), used correctly as flat or curved glazing, handled, stored, processed, installed and maintained according to SABIC contained in the Technical Manual.
2. These sheets are protected against UV on both sides. The products 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. The textured sheet side should be under compression during curving, bending and thermoforming.
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 10 year:

 - a. The sheets will have a modulus of elasticity \geq 2100 MPa after 10 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 \geq 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 10 year:

 - 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 6 Δ 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 7% 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 Purchase Date	Orig.	Material Replacement
Up to 5 year		100%
in 6th year		75%
in 7th year		60%
in 8th year		45%
in 9th year		30%
in 10th 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 March 1st, 2013 and is restricted to LEXAN EXELL D OB material sold by SABIC after such date and supersedes all previously issued warranties for LEXAN EXELL D OB sheet, sold after said date. The validity of this limited written warranty is restricted to LEXAN EXELL D OB sheet, and this limited written warranty is the sole warranty for LEXAN EXELL D OB sheet.

This warranty is only valid for European countries.

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