

## Ten Year Limited Warranty

Standard Lexan Exell D, Lexan Exell D ST, Lexan ExellD FR, and Lexan Exell D Venetian (VEN) 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 ten (10) years of the date of sale by SABIC Innovative Plastics.

### This limited written warranty is subject to the following conditions:

- 1) The limited written warranty applies exclusively to sheet glazing produced by SABIC Innovative Plastics in Europe in standard clear (112, 112W), bronze (5109), grey (713 & 71006) and opal white grade (82943) used correctly as flat or curved glazing, handled, stored, processed, installed and maintained according to SABIC Innovative Plastics' recommendations contained in the Technical Manual.
  - 2) Lexan Exell D, Lexan Exell D ST and Lexan Exell D FR sheets are protected against UV on both sides (Lexan Exell D VEN sheet one side only). The products can be cold curved and thermoformed (in this last case, except for Lexan Exell D VEN sheet). For forming, the following is applicable:
    - 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.
    - 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.
    - Lexan Exell D, Lexan Exell D ST, and Lexan Exell D FR sheets 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 Innovative Plastics 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 Innovative Plastics 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 Innovative Plastics claimant must allow the material to be inspected on site and/or return the sheet to SABIC Innovative Plastics for testing.
  - 5) For the purpose of this limited written warranty:
    - Loss of impact strength will be determined by subjecting an undamaged sample of the sheet to the German standard test for impact resistance (DIN 52290, Part 4, level A1). Acceptance of a claim under this warranty requires that the sample sheet fails this test.
- Yellowing will be determined by subjecting a cleaned sheet sample to the Yellowness Index Test ASTM D1925 (1977). Any claims for sheets displaying a change in Yellowness Index of 10 Δ or less for Lexan Exell D, Lexan Exell D ST, Lexan Exell D FR, Lexan Exell D VEN (colors 112, 112W, 5109, 713 & 71006) and 19 Δ or less for Lexan Exell D, Lexan Exell D ST sheets (color 82943), compared with their original value, will not be accepted.
- Loss of light transmission will be determined by subjecting a cleaned sheet sample to the Light Transmission Test ASTM D 1003 (1977). Any claims for sheets displaying a loss of light transmission of 6% or less for Lexan Exell D, Lexan Exell D ST, Lexan Exell D FR, Lexan Exell D VEN (colors 112, 112W, 5109, 713 & 71006) and 12% or less for Lexan Exell D, Lexan Exell D ST ( color 82943), compared to their original value, will not be accepted.
- 6) SABIC Innovative Plastics reserves the right to investigate independently the cause of any failure.
  - 7) If a claim under this limited written warranty is justified, SABIC Innovative Plastics will provide replacement material free of charge in accordance with the following schedule:
 

Time from Orig. Purchase Date	Material Replacement
Up to 5 years	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 Innovative Plastics may opt to refund the original purchase price paid to SABIC Innovative Plastics, or a portion thereof, in accordance with the above schedule.
- 8) This limited written warranty shall be SABIC Innovative Plastics' 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 ten year warranty shall be governed by the laws of the Netherlands.
  - 9) This warranty has been issued on July 1st, 2000, is restricted to material sold by SABIC Innovative Plastics after such date and supersedes all previously issued warranties for the products mentioned above.

\* Trademarks of SABIC Innovative Plastics IP BV

This limited written warranty has been issued on July 1<sup>st</sup> 2000.

This is the sole warranty for Lexan Exell D, ST, VEN and FR sheet, sold after said date.



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