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What happens after 10 years?



A few months ago we discussed the different warranties that manufacturers offer on their polycarbonate sheets. SABIC offers 3 warranties – the standard warranty, the Plus warranty, and the XP warranty. The standard in the market is the “ten year warranty”.

But what happens after the ten years? How many years can we expect the sheets to work? What sort of data is out there to address this question?

I recently had the opportunity to visit the Amsterdam Arena in Holland and see for myself a roof that was installed 14 years ago. The material used in this project was the 16mm Thermoclear and the SCIR solid polycarbonate.

SABIC Innovative Plastics hired TNO Science and Industry to evaluate the durability of this 14 year old polycarbonate roofing material. For this test they pulled one sheet from the roof of the Amsterdam Arena and one sample from the stock of SABIC Innovative Plastics. The evaluation consisted of the following: determination of the transparency, the color, yellowness index, and the thickness of the UV coating. The results of this testing were: the Delta YI = 1.3 and loss of light transmission over the 14 years that the roof had been installed was 1.1%. These are incredible results! The lifetime of the product, of course, depends on many parameters such as location of installation, angle to the sun, shade from surrounding buildings, dust, clouds and other environmental factors, but this data shows and supports that **OUR LEXAN** polycarbonate panels continue to perform over and above the time limit that the warranty states.



If you would like more information on this data or to see the actual report as well as application pictures please let us know. As always, customer service is our top priority!

Enjoy the holiday season,
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