



Suntuf Diffuser

Ultimate Lighting

SUNTUF provides higher lighting and better diffusion in comparison with alternative products, as shown below.

Product	Light Trnsmission	Haze
SUNTUF® Diffuser 2mm	85%	100%
Competitor embossed 2mm	77%	83%

Main Benefits

- Impact resistant: virtually unbreakable
- High quality extruded sheet
- 100% light diffuseion with high light transmission
- Provides even, soft, natural daylight
- Weather and UV resistant
- Wide service temperature range
- Optional UV protection on both sides
- Available thickness: 0.8 - 3.0 mm



Suntuf Diffuser

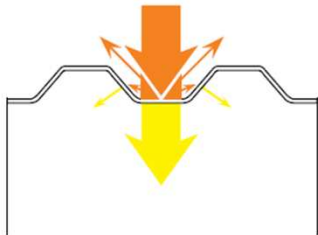
Light Diffusion Options

Suntuf Rooflights can be specified not only to transmit a desired amount of light, but also diffuse it. Diffused light creates a more pleasant work environment by minimizing blinding and shaded areas. While clear panels transmit the maximum natural daylight, embossed panels mildly disperse it and diffuser panels transmit soft, evenly spread light.

Clear

Optimum for low light regions or where high clarity is essential.

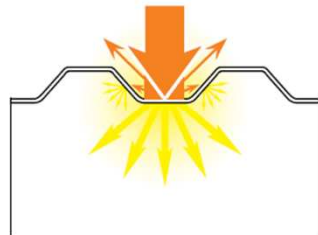
90% light transmission
0% Diffusion



Embossed

Offers high light transmission with mild diffusion for excellent flexibility.

90% light transmission
20% Diffusion



Diffuser

Combines high light transmission with maximum diffusion.

85% light transmission
100% Diffusion

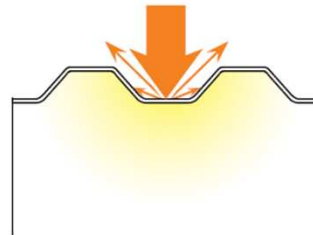


Illustration: Clear vs. Diffuser

Clear SUNTUF®

Transmits maximum light and creates light spots and shades.



SUNTUF® Diffuser

Transmits a softer, even light that minimizes shaded areas and corners.





Suntuf Diffuser

The best combination in the world of Light transmission and Diffused light



Direct Light = Shades and Light Spots

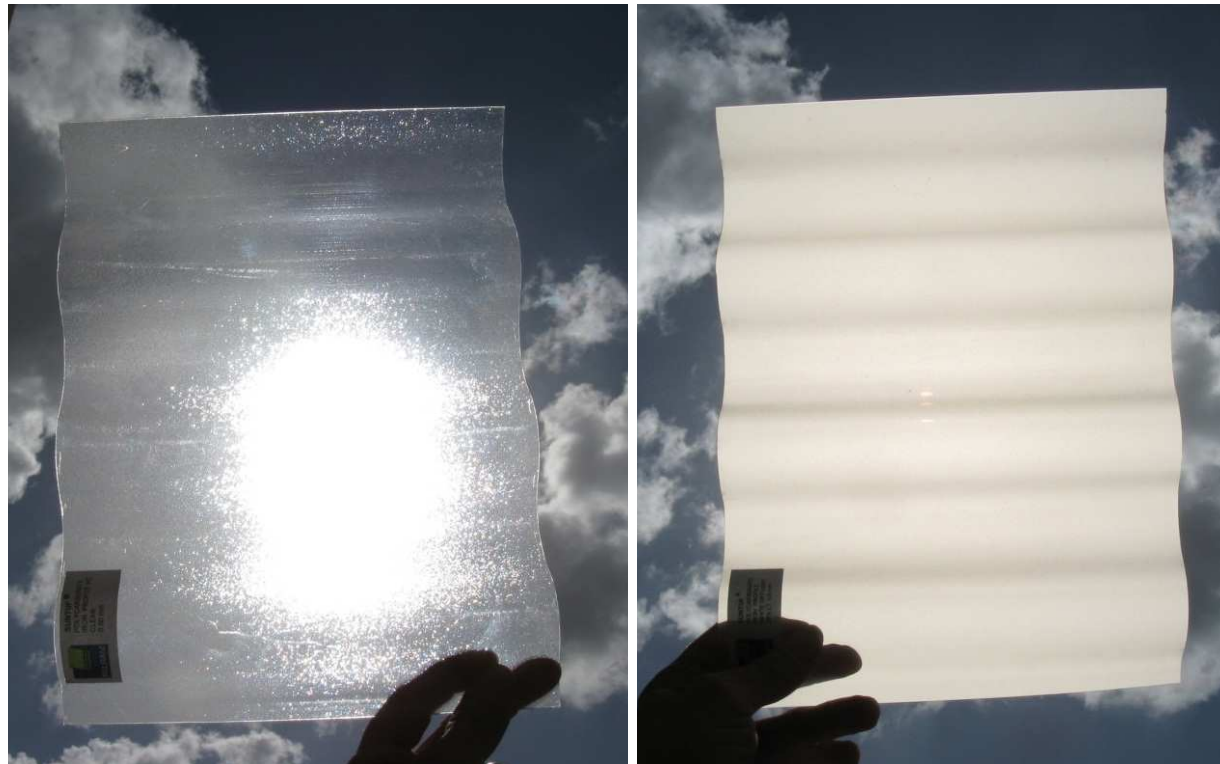


Diffused Light = Even Lighting



Suntuf Diffuser

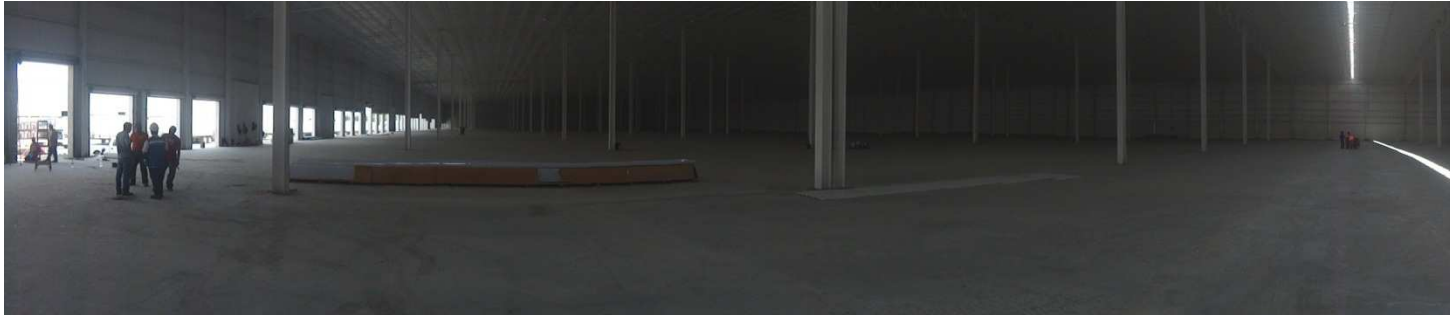
As opposed to the heavy glare produced by the embossed sheet(left) Suntuf Diffuser spread the light evenly, creating a pleasant and lit environment.





Warehouse Mexico City- New Suntuf Rooflights

Before
200 Lux



After
1000 Lux



Energy costs for 200 Lux; 4000 \$/Y

Energy costs for 1000 Lux; 20,000 \$/Y