

starlight **evo** by welkins



the latest 3 in 1 solution from Welkins
natural light – day to day ventilation – roof access



Starlight EVO

High quality product made from **Reynaers aluminum profiles.**

Starlight EVO fits perfect with the most complex architectural projects and is ideal for **residential** projects, **commercial** buildings, **industrial** warehouses, **production** facilities or **public or private** buildings.



Components:

secured and laminated glass

aluminum **base** with thermal breaking point

manually opened for roof access or 230V electrical opened for day to day ventilation

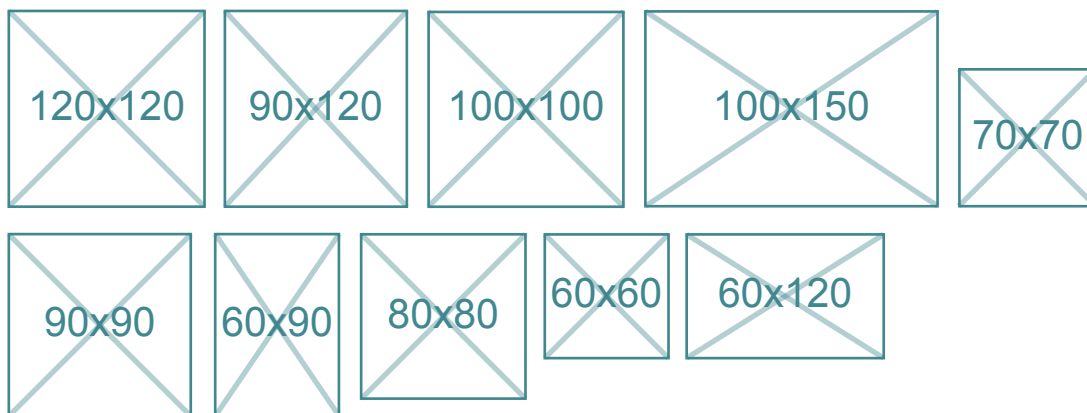
optional: can be fitted with **WALKABLE glass** with 888.4H – 16 – 44.2T structure

Glass leaf, with aluminum frame, attached to the base

optional: cellular polycarbonate, glazing 10mm, 16 mm, 20 mm or 25 mm thickness

STARLIGHT EVO DIMENSIONS

STARLIGHT EVO can be adapted to any of your project requirements.



But also any size between the minimum and maximum specified above.



STARLIGHT EVO CHARACTERISTICS

Glass leaf structure is **6 ESG – WE8 – 331 LOWE.**



MANUFACTURING SIZES

Normal thickness 20.4 mm
Weight 30.4 kg/m³



SOLAR FACTORS EN410 (2011-04)

Solar factor (g) 0.6266
Shading Coefficient (SC) 0.7202



COLOR RENDERING CIE (15-2004)

Transmission (Ra) 97.0
Reflexion (Ra) 96.1



BULGLAR RESIST EN356

Result NPD



LUMINOUS FACTORS CIE (15-2004)

Light transmission (TL %) 80.4%
Outdoor reflection (RLe %) 11.2%
Indoor (RLi %) 11.6%



ENERGY FACTORS EN410 (2011-04)

Transmission (Te) 52.8%
Reflection (Ree) 25.7%
Indoor (Rei) 21.9%
Absorption (AE1) 9.7%
Absorption (AE2) 11.8%



CARBON FOOTPRINT EN15804 [A2]

Global warming potential 'GWP'
47 kg(CO₂)/m² (A1-A3)



THERMAL TRANSMISSION EN673 (2011-04)

UG 0° related to vertical position 1.659 W/m²K



PENDULUM RESISTANCE EN12600

Rezult NPD/2B2



ACOUSTICS EN12758

Acoustic simulated values $R_w(C;Ctr) = 31(-1,-4)$ dB





Welkins Romania

0040 722216622



office@welkins.eu

www.welkins.eu



8A St. Fabrica de Zahăr, city Răcari,
county Dâmbovița, country Romania