



Individual Rooflights

DECLARATION OF PERFORMANCE (DoP) QUICKGUIDE

HARMONISED STANDARD EN 1873:2005

HOW TO READ IT?

WHAT IS A DoP?

A Declaration of Performance (DoP) is a document issued by the manufacturer which provides relevant information on the performance of a construction product.

WHAT IS CE MARKING?

Rooflights are construction products under the CPR, and the CE marking indicates that the rooflights have been assessed according to the harmonised European standard EN 1873.

Resistance to upward loads*

Ability of rooflights to withstand upward forces or pressures, such as wind suction or internal wind pressure in open buildings.

Resistance to downward loads*

Ability of rooflights to withstand forces or pressures acting in a downward direction, such as snow load or other imposed loads.

Reaction to fire

Behaviour of rooflights when exposed to fire, including their combustibility and production of smoke and flaming droplets.

Resistance to fire*

Ability of rooflights to prevent the passage of fire and heat through the rooflight for a specified period of time.

External fire performance

Ability of rooflights to prevent the fire from entering the interior in the event of local fire exposure from the outside.

Water tightness

Ability of rooflights to prevent the penetration of water under various conditions, ensuring that the interior of the building remains dry and protected from water damage.

An example of rooflight DoP

Declaration of performance		<div>UNIQUE ID OF THE DOCUMENT (DoP)</div> <div>INTENDED USE</div> <div>HARMONISED EU STANDARD</div> <div>IMPACT RESISTANCE</div> <div>THERMAL TRANSMITTANCE</div> <div>DIRECT AIRBORNE SOUND INSULATION</div> <div>SOLAR FACTOR</div> <div>AIR PERMEABILITY</div> <div>DURABILITY</div> <div>LUMINOUS TRANSMITTANCE</div>
12345-ABCDE		
ROOFLIGHT model XYZ 1a2b3c		
Rooflights with upstand intended to be used for light transmittance for flat and/or inclined roofs		
System 3		
EN 1873:2005 Notified Body: 0123		
UL 1500	SB 1200	
DL 750	U=2.0 W/m²K	
B-s3,d0	R _w =35	
EI30	g=0,55	
B _{ROOF}	Ap 1	
Pass	ΔA, Cu 0, Ku 0	
τ _{D65} = 0,66		
ROOFLIGHT MANUFACTURER COMPANY Address, City		
Signature, place and date		

UNIQUE ID OF THE PRODUCT

AVCP SYSTEM

NOTIFIED BODY NO.

RESISTANCE TO UPWARD LOADS*

RESISTANCE TO DOWNWARD LOADS*

REACTION TO FIRE

RESISTANCE TO FIRE*

EXTERNAL FIRE PERFORMANCE

WATER TIGHTNESS

Impact resistance

Ability of rooflights to withstand impacts from objects such as hailstones, debris or accidental impacts without sustaining damage that compromises their integrity or functionality.

Thermal transmittance

Measure of heat transfer through the rooflight material. This parameter, often expressed as a U-value (W/m²·K), indicates how well the rooflight insulates against heat loss.

Solar factor

Refers to the fraction of the solar radiation that is totally transmitted through the rooflight into the building.

Direct airborne sound insulation*

Ability of rooflights to reduce the transmission of airborne sound for maintaining acoustic comfort.

Luminous transmittance

Measure of the fraction of visible light that passes through the rooflight material, ensuring adequate daylighting within the building, contributing to energy savings and occupant well-being.

Air permeability

Ability of rooflights to resist the passage of air through their joints, seals, and interfaces with the building structure, for maintaining the thermal performance of the building envelope.

Durability

Measure of the variation of total luminous transmittance, yellowness index and mechanical properties after ageing procedure of the rooflight material.

ESSENTIAL CHARACTERISTICS IN THE DESIGN PROCESS

MINIMUM VALUES OF THE CHARACTERISTICS MAY DIFFER DEPENDING ON THE REGION.
REMEMBER TO CHECK THE NATIONAL REGULATIONS AND STANDARDS!