



SAFEENERGY

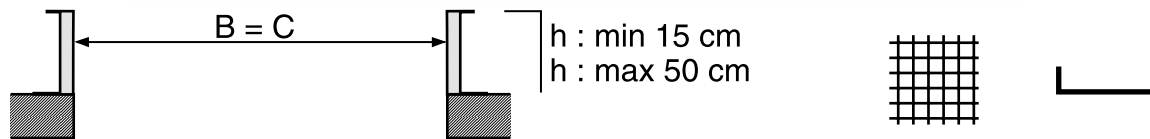
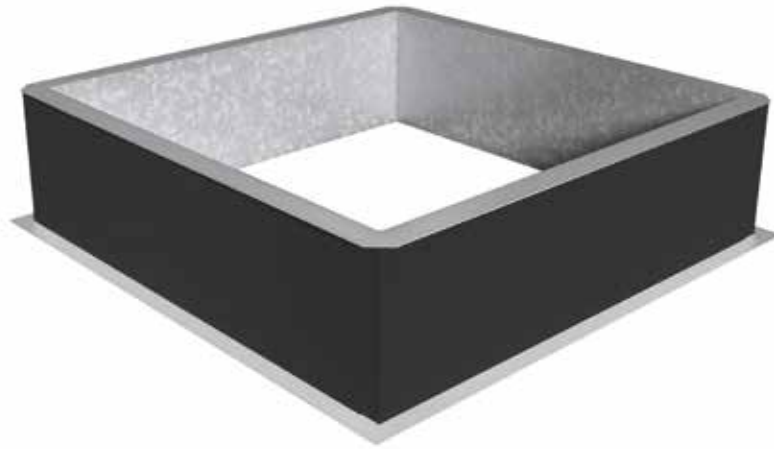


TECHNICAL FILE

# Skylux<sup>®</sup>

Metal curb EP





## General product description

The Skylux<sup>®</sup> dome curbs are made of galvanized steel plate. They always are vertical and equipped with a bottom flange (80 mm) and a top flange (55 mm). The square and rectangular curbs are insulated with a combination of PUR and bituminous rockwool (total thickness of 50 mm) and can be equipped with different types of roof membranes. The round curbs are not insulated. The curb can be equipped with brackets and hinges. This curb has a CE label according to EN 1873:2014+A1:2016 combined with a Skylux<sup>®</sup> skylight.

## Options

### 1. Burglar proof grid

The burglar proof grid consists of a welded frame with L-profiles (30/20/3), in which a grid with ribbed bars of diameter Ø 10 mm is welded. The axis distance between the bars is 150 mm. The grid is galvanized.

### 2. Ventilation grid

Regarding square and rectangular curbs, with 1 side of at least 80 cm, 1 or several ventilation grids can be built in. A ventilation grid is fixed on top of the curb of at least 250 mm high. The grid consists of an inner and outer grid in anodized aluminium. The ventilation capacity is steplessly regulable by means of a button with cord. The grid is equipped with an inox insect screen of 600 x 100 mm.

## Specific characteristics

Corrosion characteristics .....	Sendzimir galvanisation 275 g/m <sup>2</sup>
Thermal characteristics .....	U value of the insulation is 0.56 W/m <sup>2</sup> K U <sub>up</sub> * value: 0.51 W/m <sup>2</sup> K (for insulated curbs)
Sizes .....	Tolerance on diameter -2/+6 Daylight size (B) = roof opening (C) Thickness wall steel: 1.5 mm Thickness wall insulation: 50 mm Heights: 150, 200, 250, 300, 400 and 500 mm

\* U<sub>up</sub> : U value (upstand) or insulation value of the curb according to EN 1873:2014+A1:2016 and determined in accordance with EN 10077-2:2012

## Attestations and certificates

- CE according to EN 1873:2014+A1:2016 combined with a Skylux® dome



EN 1873:2014+A1:2016

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