

Flow DC

The coated steel panels consist of a perforated 5 mm cover plate that has flat steel bars welded onto its underside for the edge banding and cross struts. Flat steel bars measuring 35 x 8 mm, 30 x 8 mm or 25 x 8 mm are used as standard, so that panel thicknesses of 40.5 mm, 35.5 mm or 30.5 mm can be supplied. The panel thickness can be changed in 0.5 mm increments using height compensation pieces. The steel ventilation panel is tested on solid Ø 90 steel cylinders. Volume regulation on the panel underside (available with or without a powder coated surface finish) Electro galvanising is available on customer request.



Panel Properties

Dimensions	600 x 600 mm
Thickness	30.5 to 40.5 mm
Weight per panel	approx. 15 to 16 kg
Open area	50%
Hole diameter	Ø 24 mm
Building material class	A1

Panel Performance (DIN EN 12825:2002)

	Panel thickness 30.5 mm	Panel thickness 35.5 mm	Panel thickness 40.5 mm
Ultimate load	> 6 kN	> 12 kN	> 16 kN
Working load	3 kN	6 kN	8 kN
Element class	3	6	6
Safety factor	2.0	2.0	2.0
Deflection class	A	B	B



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Tate Global GmbH

Zum Stadion 4, 63808 Haibach, Germany

T: +49 (0) 6021 63949-0 E: infoDE@tateglobal.com W: tateglobal.com/de

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