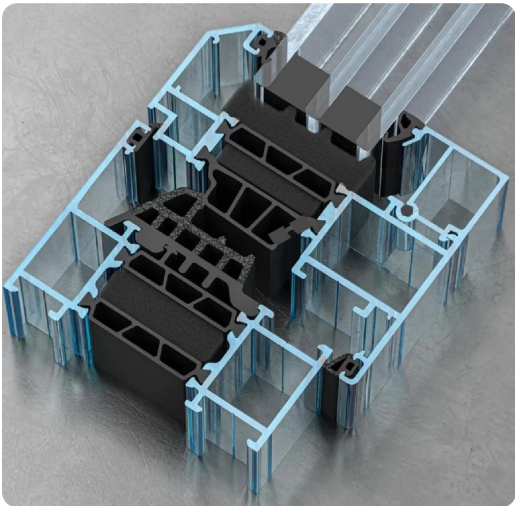


Series 80 · tilt & turn · inward opening

HTA-80 TT

Triple glazing with two argon cavities, 39 mm thermal break

ZHONG-YAN catalogue: 80系列 内开内倒窗/内开窗 – 80 series, tilt & turn / inward casement, sheet 3



Cross-section

The manufacturer specifies this series for severe-cold regions, hot regions and high sound-insulation environments. Three panes, two argon cavities, Technoform warm edge; a 39 mm multi-chamber PA66GF25 thermal break with filled cavities. 6060-T5/T6 profile, 1.8 mm wall, Siegenia hardware.

Engineering

Alloy	6060-T5/6
Wall thickness	1.8 mm
Thermal break	39 mm multi-chamber strip, PA66GF25
Glazing	5G+12A+5G+12A+5Low-e three panes, two cavities, argon; Technoform warm edge spacer
Hardware	Siegenia German, black, highly weather-resistant anti-corrosion; manufacturer handle
Seals	EPDM, vulcanised welding; dual composite: foamed and dense contour
Insulation	PE wave foam strip plus filling of the thermal-break cavities with the insulation used in car and refrigerator doors

Field of application

A high-performance system solution developed for severe-cold regions, hot regions and environments with high sound-insulation requirements.

manufacturer’s catalogue, sheet 3

The only series in the range the manufacturer specifies for severe-cold regions.

GB classes

Air permeability 气密性	class 7 of 8	q_1 0.5–1.0 m³/(m·h) · q_2 1.5–3.0 m³/(m²·h)	
Watertightness 水密性	class 5 of 6	ΔP 500–700 Pa	
Wind load resistance 抗风压性能	class 9 of 9 top of the scale	$p_3 \geq 5.0$ kPa	
Thermal insulation 保温性能	class 7 of 10	K 1.6–2.0 W/(m²·K)	
Acoustic performance 隔声性能	class 5 of 6	R_w + Ctr 40–45 dB	

Classes as printed in the manufacturer’s catalogue, GB scale on sheet 27; test report numbers behind the classes are not given in the catalogue. The kPa and W/(m²·K) units are not printed on sheet 27; they follow the GB system (HTA note).

Six matt finishes

The colours of the range per sheets 25–26 of the manufacturer’s catalogue. JL codes are the manufacturer’s codes.



Matte white
JL565S



Matte grey
JL568S



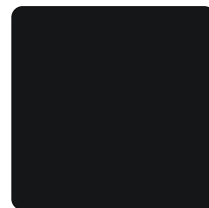
Matte coffee
JL566S



Matte green
JL180S



Matte camel
JL228S



Matte black
JL729S

Colour in print and on screen is a guide, not colorimetry. RAL correspondence is not stated in the manufacturer’s catalogue.

Contacts

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For a quote, send the city, number of storeys and the opening schedule – we will select a series and prepare a specification.

About this catalogue

Compiled by HTA from the ZHONG-YAN manufacturer’s catalogue «[中亚系统产品手册](#)»: every system gives its sheet. GB classes are declared by the manufacturer. The manufacturer’s catalogue gives no prices or lead times – we calculate both for each project from the opening schedule.