

SAPA FACADE 5050 SG

CURTAIN WALLING WITH
MINI EXTERIOR GLASS HOLDERS



sapa:

By  Hydro

Sapa Facade 5050 SG

5050 SG consists of insulated 50 mm wide aluminium profiles. The exterior glass holder is just 32 mm wide, and the interior transoms/mullions are 50 mm wide. The exterior glass holder is secured using countersunk screws that can be hidden with a decorative profile. The system is based on our roof glazing system.

5050 SG is constructed as a curtain wall. The system has rebates for double-glazed or triple-glazed units. Standard sealed glazing units are used to create a cost-effective solution.

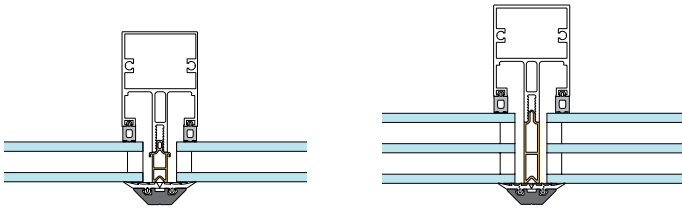
The vertical transoms/mullions allow drainage and ventilation. The internal gasket provides the air seal.

5050 System Glazing is a classic solution with exterior glass holders that are just 32 mm wide to maximise the glazed area.

Facade system 5050 SG, powder coated RAL 7043, natural anodised transoms/mullions



Sapa Facade 5050 SG with Optima decorative profile for concealed fixing.



5050 SG for double-glazed or triple-glazed units.

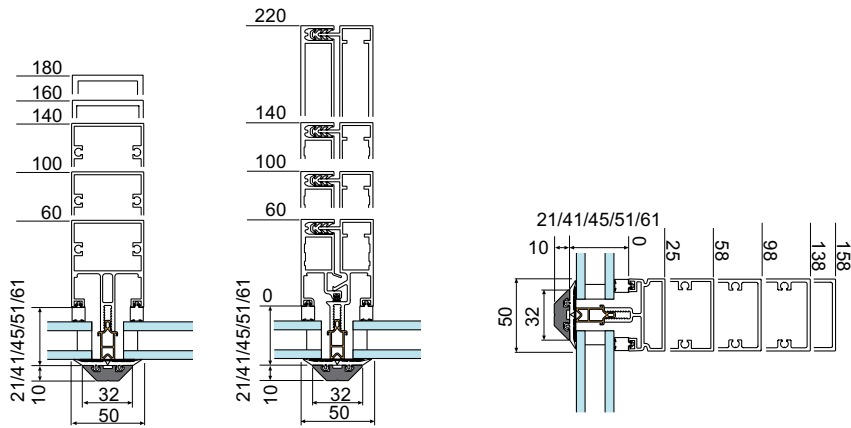
The interior transoms/mullions are rectangular in shape and several designs of decorative profiles are available. The system can easily be combined with opening units.

The same glass holder can be used vertically and horizontally. Easy installation simplifies the building process. Glazing is always carried out from outside of building. See more decorative profiles in the Optima section.



Autopartner in Skövde, Sweden, with Sapa Facade 5050 SG.

Facade system 5050 SG profiles and transoms/mullions

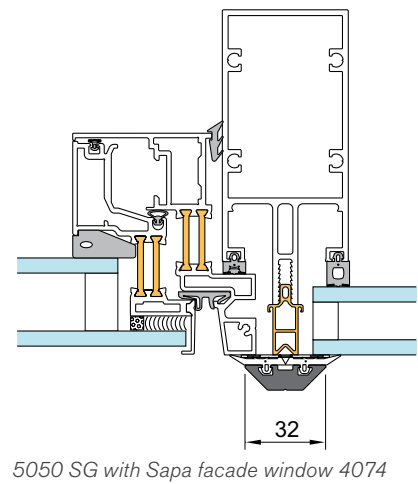
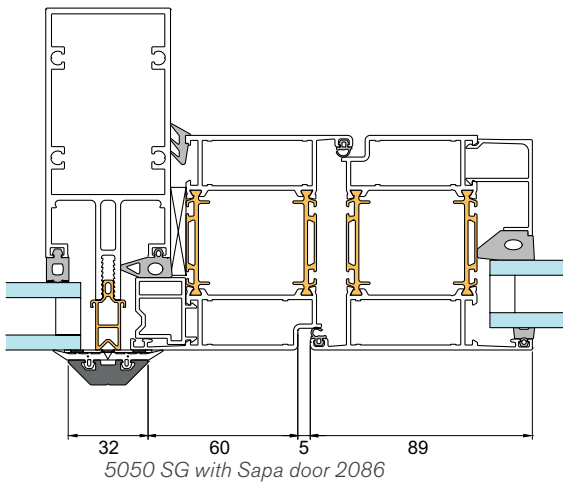


Transom/mullion 50 mm
vertical double-glazed
unit

Dividing profile 50 mm
vertical double-glazed
unit

Transom/mullion 50 mm
horizontal double-glazed
unit

Facade system 5050 SG windows/doors



Sapa Facade System 5050 SG, double-glazed

Glass, U_g W/m²K (centre point). Spacer, warm edge.

Profile share	1.0	1.1	1.2	1.3	1.4	1.5	1.6
5%	1.2	1.3	1.4	1.5	1.6	1.7	1.8
10%	1.4	1.5	1.5	1.6	1.7	1.8	1.9
15%	1.5	1.6	1.7	1.8	1.9	2.0	2.1

Sapa Facade System 5050 SG, triple-glazed

Glass, U_g W/m²K (centre point). Spacer, warm edge.

Profile share	0.5	0.6	0.7	0.8	0.9	1.0
5%	0.65	0.74	0.84	0.93	1.0	1.1
10%	0.80	0.89	0.98	1.1	1.2	1.2
15%	0.95	1.0	1.1	1.2	1.3	1.4

Profile share 5%: Glass sizes, approx. 2500x3000

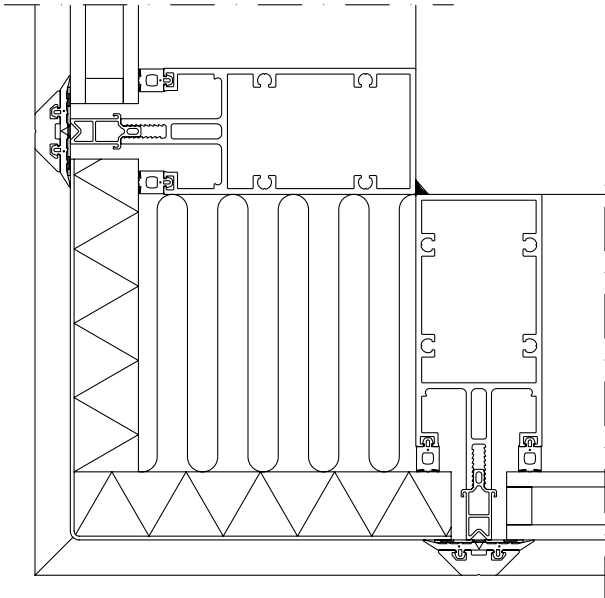
Profile share 10%: Glass sizes, approx. 1100x1500

Profile share 15%: Glass sizes, approx. 800x800

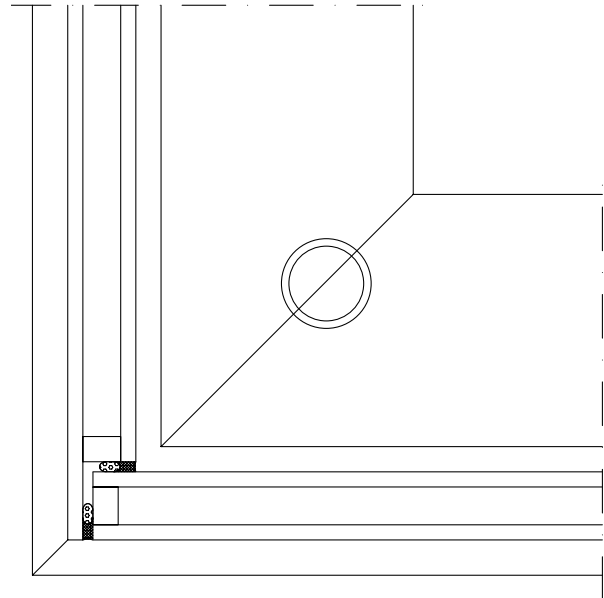
5050 SG

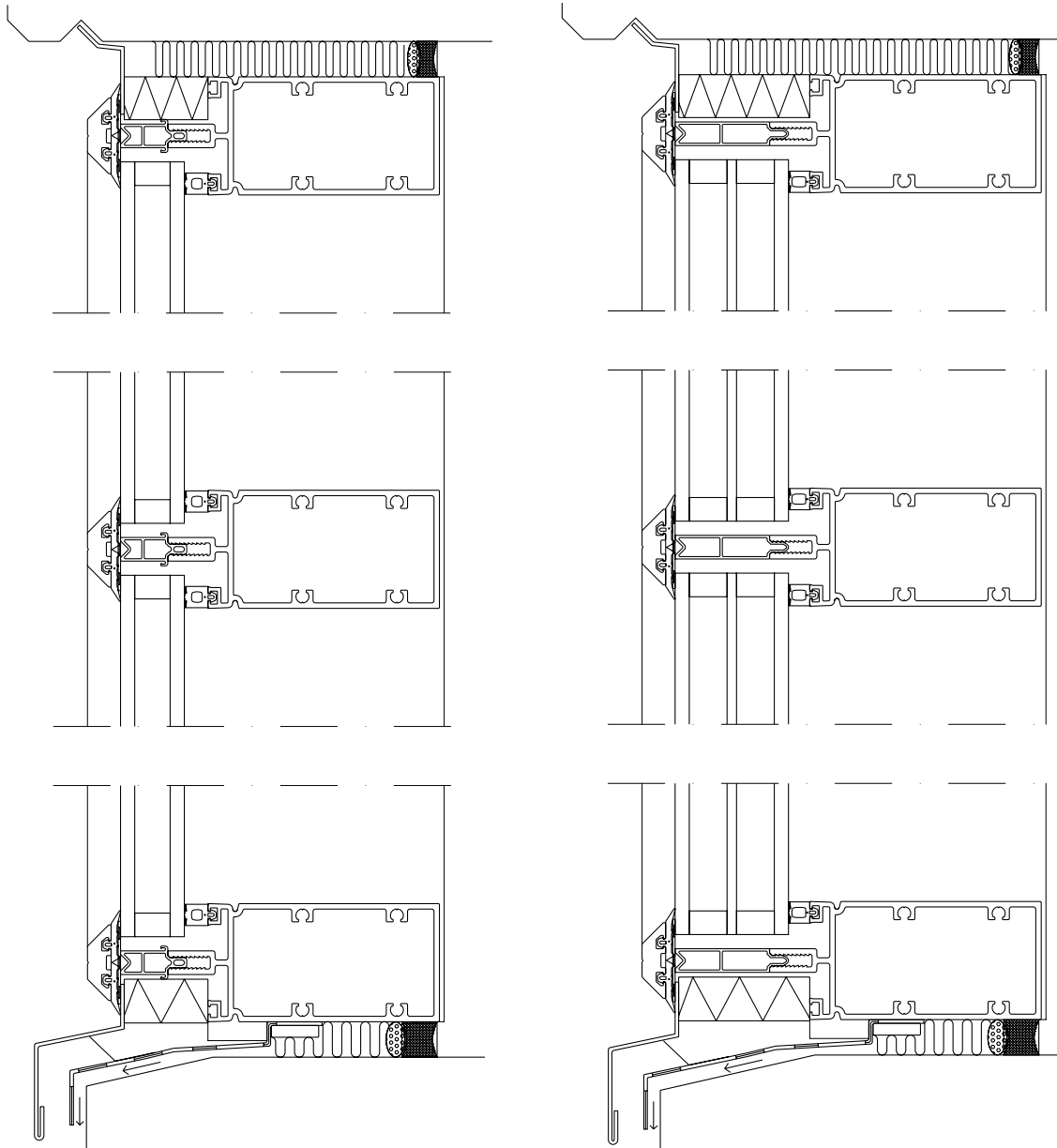
Glass thickness	6–11, 26–41, 46–51 mm
Transoms/ mullions	Rectangular, I- and T- profiles.
Decorative profiles	Optima
Window system	4074 facade window outward-opening
Door system	2074, 2086/2086 SX
Sliding door system	2050, 2074
Watertightness, class	R7 according to EN 12154
Airtightness, class	A4 according to EN 12152
Glazing installed from the outside.	

Corner solution



Project solution: Facade 5050 SG, corner with stepped glass







Nybergs Bil in Nässjö, Sweden, use 5050 SG in the facade.

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