



A Tata Steel Enterprise

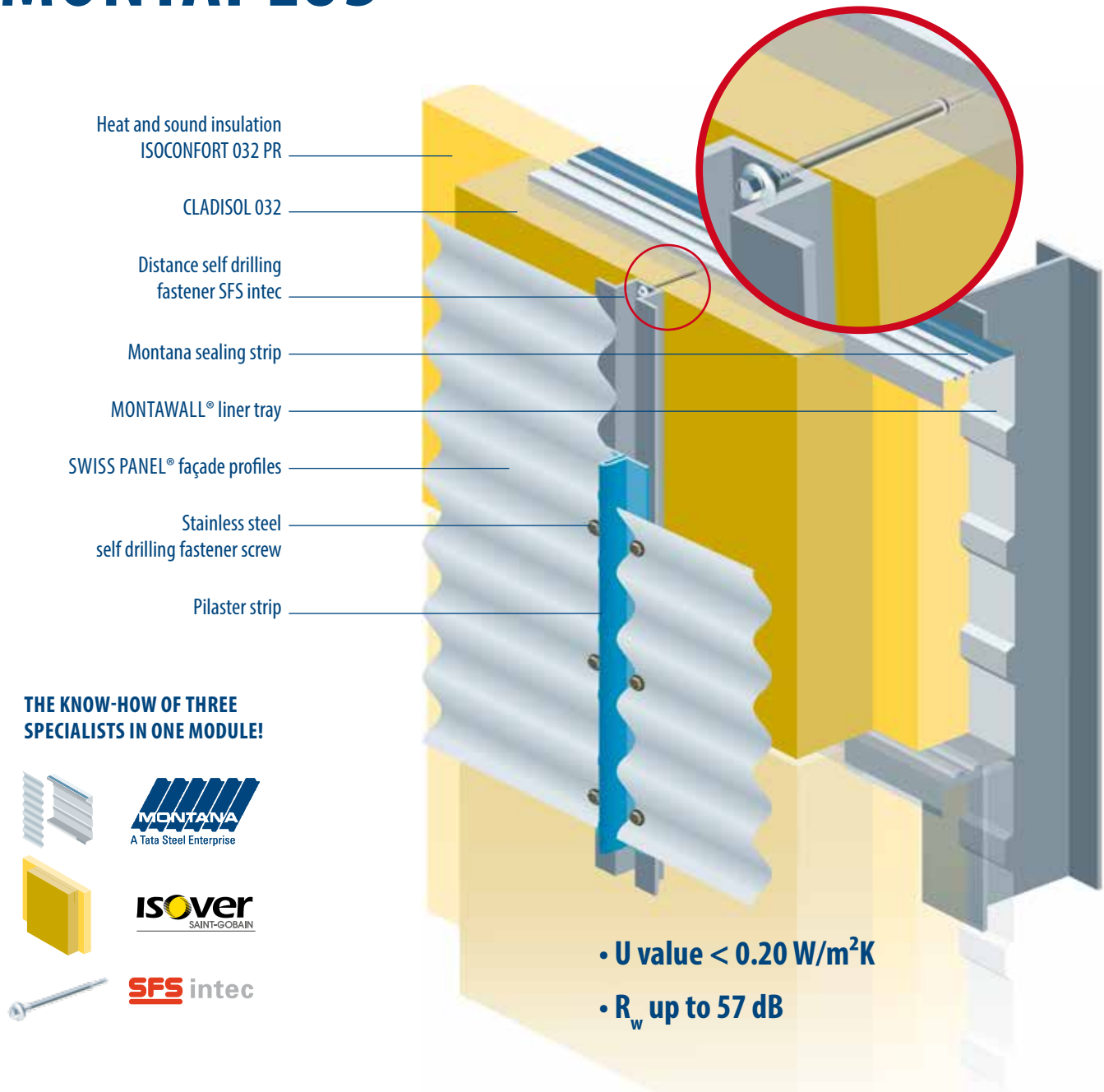
# MONTAPLUS®

The Montana facade system



SWISS MADE<sup>+</sup>

# MONTAPLUS®



## THE KNOW-HOW OF THREE SPECIALISTS IN ONE MODULE!



In cooperation with market-leading business partners, Montana developed and optimized approved liner trays constructions. The façade system MONTAPLUS® was generated and meets high requirements. Heat insulation in summer and winter helps to achieve a higher level of comfort. Rising energy costs ensure that structures with MONTAPLUS® system provide high maintenance of financial value and future suitability. Therefore, this liner

tray system emphasizes his sustainable benefit to other constructions.

The table on the opposite page shows our liner tray types for the MONTAPLUS® system. In addition, this façade system also offer other advantages:

### MORE COMFORT

Rear-ventilated façades with permeable heat insulation ensure a balanced moisture level and high thermal comfort. Also available in perforated execution with better acoustic values.

### SIMPLE MOUNTING

on new buildings and redevelopments.

### HIGH CREATIVE FREEDOM

with a wide range of steel or aluminium façade profiles in all MONTACOLOR® colours.

### ENVIRONMENTALLY FRIENDLY

through lower energy consumption. The components can be recycled.



[www.montana-ag.ch](http://www.montana-ag.ch)  
With additional product  
information and references.



**Technical information**  
In the leaflet MONTAWALL®  
Technology 3.20.  
For downloading.



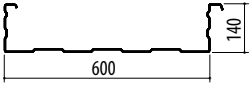
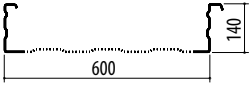
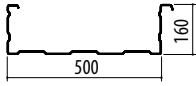
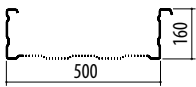
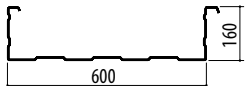
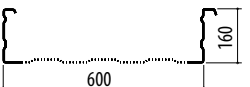




**CAD files**  
For downloading as dwg or dxf.  
[www.montana-ag.ch](http://www.montana-ag.ch) >  
Products > Liner trays



**Dimensioning tables**  
In the leaflet MONTAWALL®  
Statics 3.30. For downloading.

# MONTAWALL®

Liner trays made of steel suitable to the MONTAPLUS® system

PROFILE		THICKNESS mm	0.75	0.88	1.00	1.25	ISOLENE P d [mm]	ISOCONFORT 032 PR d [mm]	CLADISOL 032 d [mm]	HEAT INSULATION WINTER AND SUMMER Heat transfer coefficient, including thermal bridges U [W/(m²K)]	Without thermal bridges U <sub>0</sub> [W/(m²K)]	HEAT INSULATION SUMMER Heat storage capacity χi [kJ/(m²K)]	SOUND INSULATION Airborne sound insulation index (f) R <sub>w</sub> [dB]	Range of adaptation values (C, C <sub>p</sub> ) [dB]
● MK 140/600		Steel kg/m²	9.70	11.38	12.93			80	140	0.19	0.14	5	up to 57	(-4, -10)
● MK 140/600 A		Steel kg/m²	8.69	10.20	11.59		20	60	140	0.19	0.14		up to 50	(-3, -9)
● MK 160/500		Steel kg/m²	10.92	12.81	14.56			100	140	0.19	0.13	5	up to 57	(-4, -10)
● MK 160/500 A		Steel kg/m²	9.93	11.65	13.24		20	80	140	0.19	0.13		up to 50	(-3, -9)
● MK 160/600		Steel kg/m²	10.10	11.85	13.47	16.83		100	140	0.18	0.13	5	up to 57	(-4, -10)
● MK 160/600 A		Steel kg/m²	9.09	10.67	12.12	15.15	20	80	140	0.18	0.13		up to 50	(-3, -9)
● MK 180/500		Steel kg/m²		13.38	15.20			120	140	0.18	0.12	5	up to 57	(-4, -10)
● MK 180/500 A		Steel kg/m²		12.22	13.88		20	100	140	0.18	0.12		up to 50	(-3, -9)
● MK 180/600		Steel kg/m²		12.32	14.00	17.50		120	140	0.17	0.12	5	up to 57	(-4, -10)
● MK 180/600 A		Steel kg/m²		11.13	12.65	15.82	20	100	140	0.17	0.12		up to 50	(-3, -9)



**Dimensioning software**  
Request program.  
[www.montana-ag.ch](http://www.montana-ag.ch) >  
Services > Dimensioning software



**Perforation/Acoustics**  
All information in the leaflet  
Acoustics 7.9.  
For downloading.



**Colour chart**  
MONTACOLOR® Collection with full  
summary. For downloading



**Tender texts (CH)**  
Prepared texts.  
[www.montana-ag.ch](http://www.montana-ag.ch) > Services >  
Tendering texts

# [www.montana-ag.ch](http://www.montana-ag.ch)

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