



A Tata Steel Enterprise

MONTAPLUS®

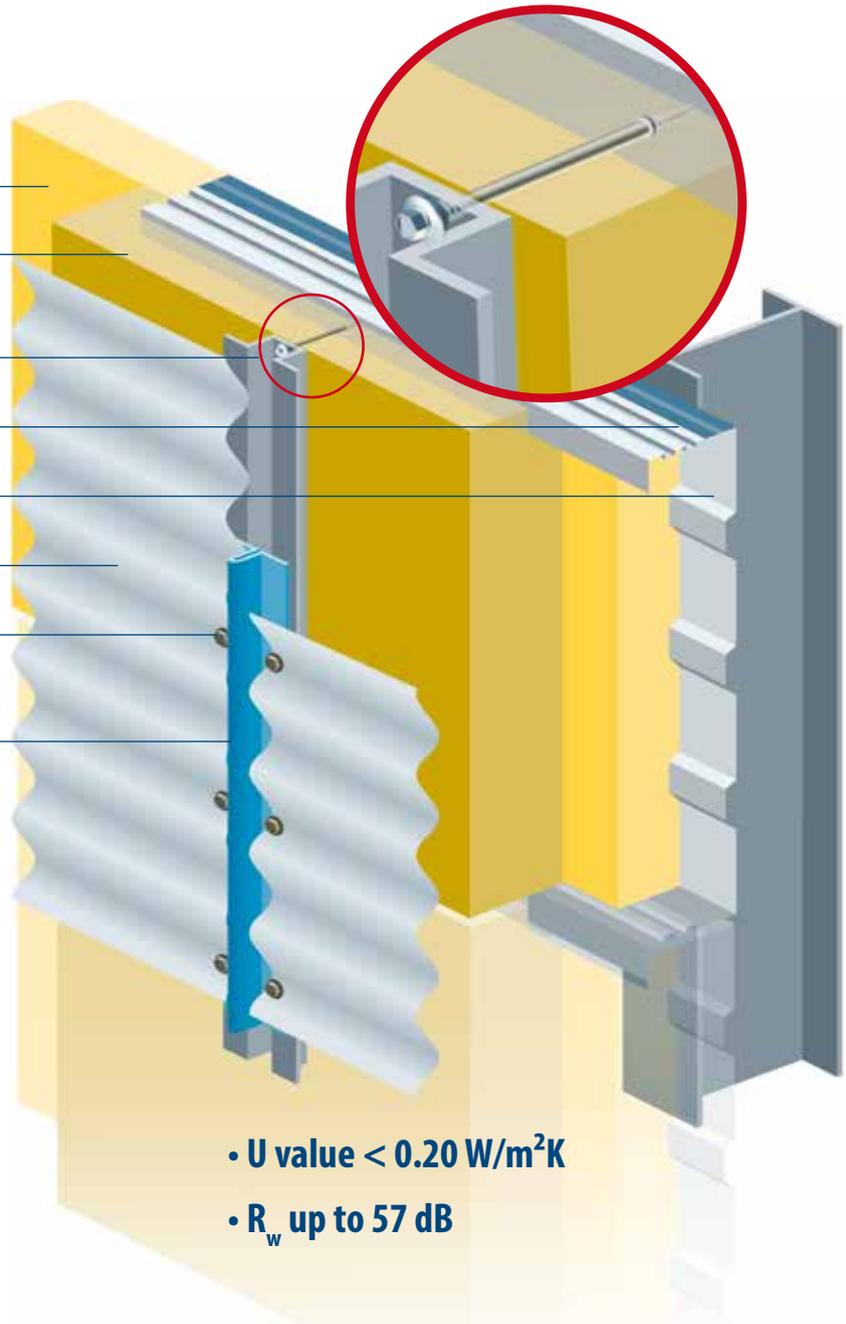
The Montana facade system



SWISS MADE⁺

MONTAPLUS®

- Heat and sound insulation
ISOCONFORT 032 PR
- CLADISOL 032
- Distance self drilling
fastener SFS intec
- Montana sealing strip
- MONTAWALL® liner tray
- SWISS PANEL® façade profiles
- Stainless steel
self drilling fastener screw
- Pilaster strip



THE KNOW-HOW OF THREE SPECIALISTS IN ONE MODULE!



- U value <math>< 0.20 \text{ W/m}^2\text{K}</math>
- R_w up to 57 dB

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 aluminum façade profiles in all MONTACOLOR® colours.

ENVIRONMENTALLY FRIENDLY

through lower energy consumption. The components can be recycled.

 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 > 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	Steel kg/m ²	ISOLENE P	ISOCONFORT 032 PR	CLADISOL 032	HEAT INSULATION WINTER AND SUMMER Heat transfer coefficient, including thermal bridges U [W/(m ² K)]	Without thermal bridges U ₀ [W/(m ² K)]	HEAT INSULATION SUMMER Heat storage capacity χ_i [kJ/(m ² K)]	SOUND INSULATION Airborne sound insulation index (f) R _w [dB]	Range of adaptation values (C, C ₀) [dB]
			d [mm]	d [mm]	d [mm]					
● MK 140/600	0.75	9.70	●	●	●	0.19	0.14	5	up to 57	(-4, -10)
● MK 140/600 A	0.88	8.69	●	●	●	0.19	0.14		up to 50	(-3, -9)
● MK 160/500	1.00	10.92	●	●	●	0.19	0.13	5	up to 57	(-4, -10)
● MK 160/500 A	1.25	9.93	●	●	●	0.19	0.13		up to 50	(-3, -9)
● MK 160/600		10.10	●	●	●	0.18	0.13	5	up to 57	(-4, -10)
● MK 160/600 A		9.09	●	●	●	0.18	0.13		up to 50	(-3, -9)
● MK 180/500		13.38	●	●	●	0.18	0.12	5	up to 57	(-4, -10)
● MK 180/500 A		12.22	●	●	●	0.18	0.12		up to 50	(-3, -9)
● MK 180/600		12.32	●	●	●	0.17	0.12	5	up to 57	(-4, -10)
● MK 180/600 A		11.13	●	●	●	0.17	0.12		up to 50	(-3, -9)



Dimensioning software
Request program.
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 > Services >
Tendering texts

www.montana-ag.ch

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