METALFORM

www.metalform.uk





Monument preservation & elegant architecture: The steel profile system with particularly narrow face widths

RP-hermetic FINELINE

Windows, partition systems & sliding elements

METALFORM



RP-hermetic FINELINE

Profile overview



3 Carreau du Temple, Paris, France

1

2

4 Poitiers City Hall, France

AA = steel 5235 jR bright rolled, 6,000 mm CA = steel continuously hot dip coated, 6,000 mm CC = steel continuously hot dip coated, 5,000 mm XA = stainles steel 1,4301 (304, surface rav material 28, 6,000 mm XA = stainles steel 1,4301 (304, surface rav material 28, 2,800 mm ZA = stainles steel 1,4301 (304, outree surface ground, size 220-240, foled, 6,000 mm **Optional surface treatment for AA** BA = golvanized (Unit golvanizing). DN EN ISO 1461, on both sides minimum 70 µm, 6,000 mm DA = zinc-plated (blue/yellow chromed), DIN 50961, outer layer minimum 8 µm, 6,000 mm AL = aluminium EN AW 6060, state 166, 6,000 mm



RP-hermetic FINELINE

Windows





innen

außen

30

Outside view

Variations of sliding elements



innen ⊶_→ außen

Diagram D 2 sliding leaves Outside view





METALFORM



Diagram F 4 sliding leaves Outside view



Diagram A Outside view

innen

außen

₩_В



inn

Diagram A

1 sliding leaf 1 fixed glazing

88

außen



 $\bigcirc \square \bigcirc$

93

Section A – A











METALFORM



The main justification for using RP Technik systems is the generation of new ideas during the development phase and the utmost precision during implementation.

INNOVATIVE DESIGNS DRAWN UP USING STATE-OF-ART PRODUC-TION METHODS

MAXIMUM GLASS SURFACE AND MINIMUM FACE WIDTH

- 1 Speicherstadt Hamburg, Germany
- 2 Greenhouse, France
- 3 Residential buildings in Munich, Germany
- 4 Chateau Pont-Royal, Mallemort, France
- 5 Le Klay Sportclub, Paris, France
- 6 Residential buildings in Paris, France
- Sliding elements / residential buildings, France

Extensive knowledge of the market and the standards, needs and demands inherent upon it are not enough if these profile systems are to succeed: production-related development is one of RP Technik's main assets in its role as a strategic member of the Welser Profile Group. Only with Welser's intimate knowledge of precision production are RP Technik's system developers able to respond to market demands in a timely, efficient and targeted manner.

These international standards in monument preservation make exacting demands in terms of maintaining and renovating the building fabric.

National legislation leaves little room for compromise when it comes to implementation. This is a delicate task, but the RP-hermetic FINELINE system is more than up to the challenge. What's more, the key advantages of steel are brought sharply into the foreground. With only 36 mm face widths, this profile system offers maximum transparency and blends discreetly into the background of this superlative architecture.



A LONG-STANDING AND SUCCESSFUL PARTNERSHIP

Close partnership with customers, translated into practical, day-to-day cooperation is a solid foundation for success. RP Technik is your unswerving partner for the development of steel profiles. From architects to planners, our customers benefit from a plethora of skills offered by a group of specialists working for a company which is both an expert in its field and active on the world stage. Insider knowledge of the industry and the full panoply of experience garnered from years of developing steel profiles mean partners of RP Technik have a clear advantage on the world markets, our unrelenting focus being on personal safety and building protection.



	Profile systems	Curtain walls	Add-on curtain wall system	Doors	Partition walls	Windows	Sliding elements	METALFORM Antional requirements, directives and building regulations specific to the various Federal States must be observed while taking into account evidence gamered from tests and any approvals related thereto.
	RP-ISO-hermetic 45N	•						
	RP-ISO-hermetic 60N	•						
	RP-tec 55	•						
	RP-tec 50-1		•					
	RP-tec 55-1		•					
	RP-tec 50-1 HA		•					
	RP-tec 55-1 HA		•					
	RP-tec 50-1 HA plus		•					
	RP-tec 55-1 HA plus		•					
	RP-tec 60-1		•					
	RP-tec 60-1 HA		•					
	RP-tec 80-1		•					
	RP-tec 80-1 HA		•					
	RP-ISO-hermetic 70			•	•			
	RP-ISO-hermetic 70					•		
	RP-ISO-hermetic 70 plus			•	•			
	RP-ISO-hermetic 70 plus					•		
	RP-ISO-FINELINE				•	•		
ſ	RP-hermetic FINELINE				•	•		
							•	
	RP-hermetic 40			•	•			Ż.
					•	•		
	RP-Design 50			•	•			XA XA
	RP-hermetic 50			•	•			
	RP-hermetic 55N			•	•			
	RP-hermetic 55N					•		
	RP-hermetic 55N FP			•	•			
	RP-hermetic 75			•	•			
	RP-hermetic 75 FB			•	•			
	RP-ISO-hermetic EI30			•	•			
	RP-ISO-hermetic El60			•	•			
	RP-ISO-hermetic EI90			•	•			
	RP-ISO-hermetic EI120				•			
	RP-ISO-hermetic 70 FP			•	•			
Wind loo	d Air perme- ability Bulletpre	oof Burg	glar- stant	Th	ermal	S	ound	Finger Duration E EW EI Smoke thermally non

MASTERS OF METAL

UNITED KINGDOM METALFORM NORWAYMETAL LTD 53 Chelsea Manor Street London, SW3 5RZ SALES@METALFORM.UK +44 20 81298814

GERMANY

METALFORM GMBH Carl-Zeiss-Ring 15A 85737 Ismaning SALES@METALFORMGROUP.DE +49 17663630406 NORWAY

METALFORM AS Brochmannsveien 2 1950 Rømskog SALG@METALFORM.NO +47 401 62 446

METALFORMGROUP SALES@METALFORMGROUP.COM