

rp 
technik
profile systems



RP-150-hermetic 70/70 plus
Systems for windows, doors
and partition walls

Large element dimensions:
well-proven, highly robust
and thermally insulated



RP-ISO-hermetic 70/70 plus

Profile overview

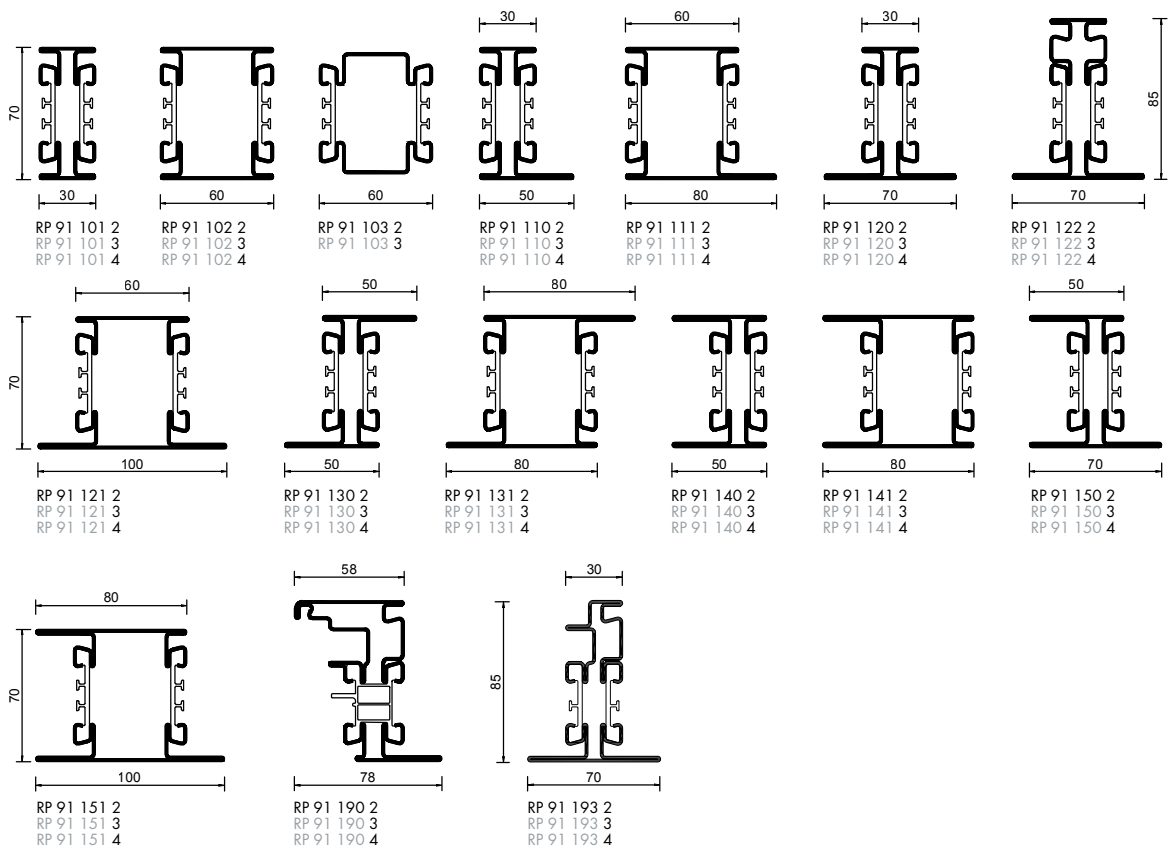
Window



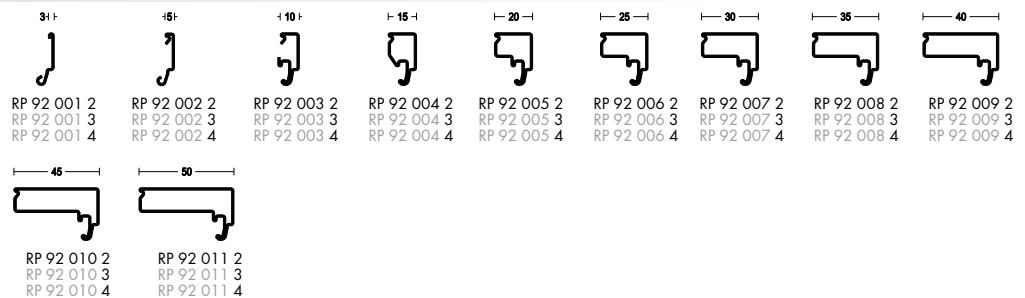
Partition wall



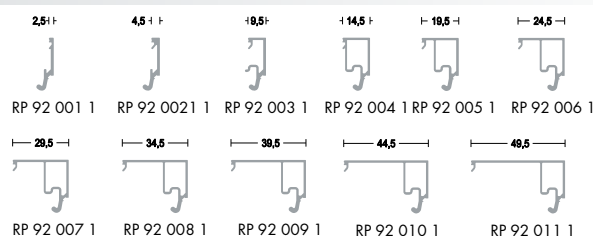
RP-ISO-hermetic 70/70 plus



Steel glazing beads



Aluminium glazing beads

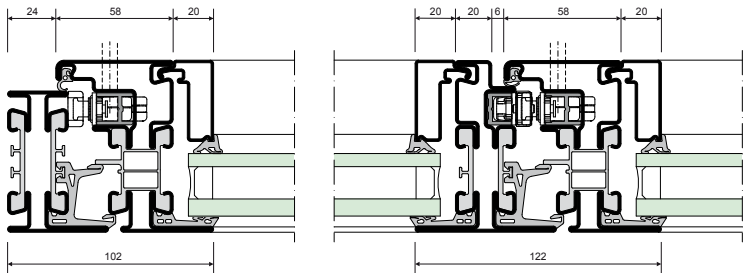


Material designation with end digits:

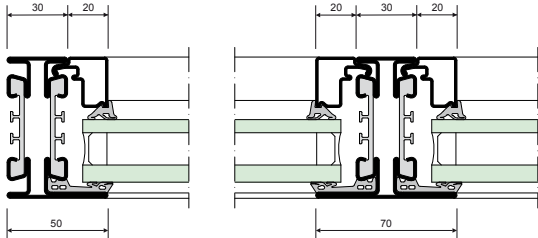
- 1 = aluminium EN AW 6060 EN 573-3, state T66 in accordance with EN 755-2
- 2 = continuously hot-dip coated steel
- 3 = stainless steel 316 (1.4401) EN 10088-1 surface raw material 2B, EN 10088-2
- 4 = stainless steel 316 (1.4401) EN 10088-1 visible surfaces ground, grain 400, foil-coated

RP-ISO-hermetic 70

Window

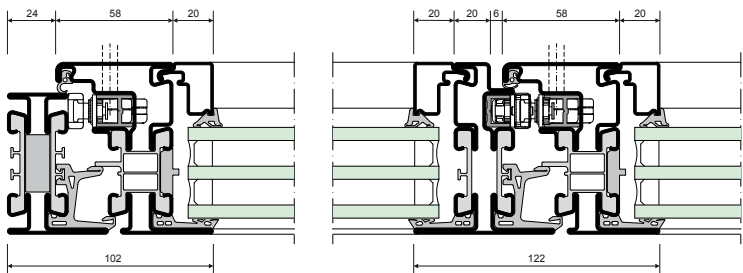


Partition wall

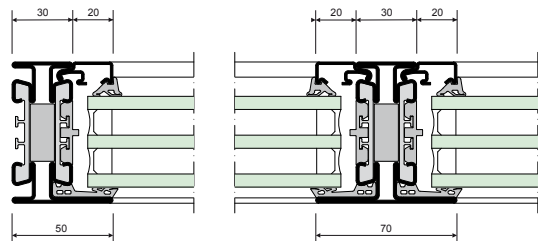


RP-ISO-hermetic 70 plus

Window



Partition wall



Depending on the construction, RP-ISO-hermetic 70 plus achieves a reduction in U_f value of up to $0.7 \text{ W/m}^2\text{K}$ in comparison with RP-ISO-hermetic 70.

EXACTING, AESTHETIC WORKMANSHIP

We use steel profiles of superior quality and workmanship for producing large-scale single and double-leaf door elements as well as a diverse range of window elements. All door and window systems have the same elevation width, and the glass surface lies flush with the window and curtain wall systems, thereby creating a harmonised, sophisticated appearance. The high-insulation system is complemented with a comprehensive range of accessories. The entire system is also available in high-quality stainless steel on request. Our new, high-insulation profile system therefore meets the highest environmental and architectural requirements.

We would be happy to advise you. Don't hesitate to contact us.

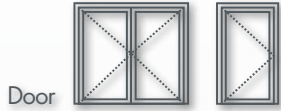
HIGHEST INSULATION VALUES

The great advantage of the new RP-ISO-hermetic 70/70 plus profile system is its high-insulation design, which makes it possible to achieve U_f values of up to $1.3 \text{ W/(m}^2\text{K)}$. The uniform insulation principle simplifies both the procurement and production of the individual accessories.

LARGE-SCALE WINDOW CONSTRUCTIONS

- Available in the following designs: turn, turn tilt, tilt and tilting-sliding windows as well as French windows
- Sliding-turning fitting
- Glazing beads without screw connection
- Identical elevation width for all window systems
- Flush exterior – the glass level is flush with the associated door and curtain wall system
- Infill thickness of up to 69 mm possible
- Large-scale window elements also as double casement windows
- No weatherboard
- Three gasket levels
- Dry glazing with pressure compensation and drainage system





Door

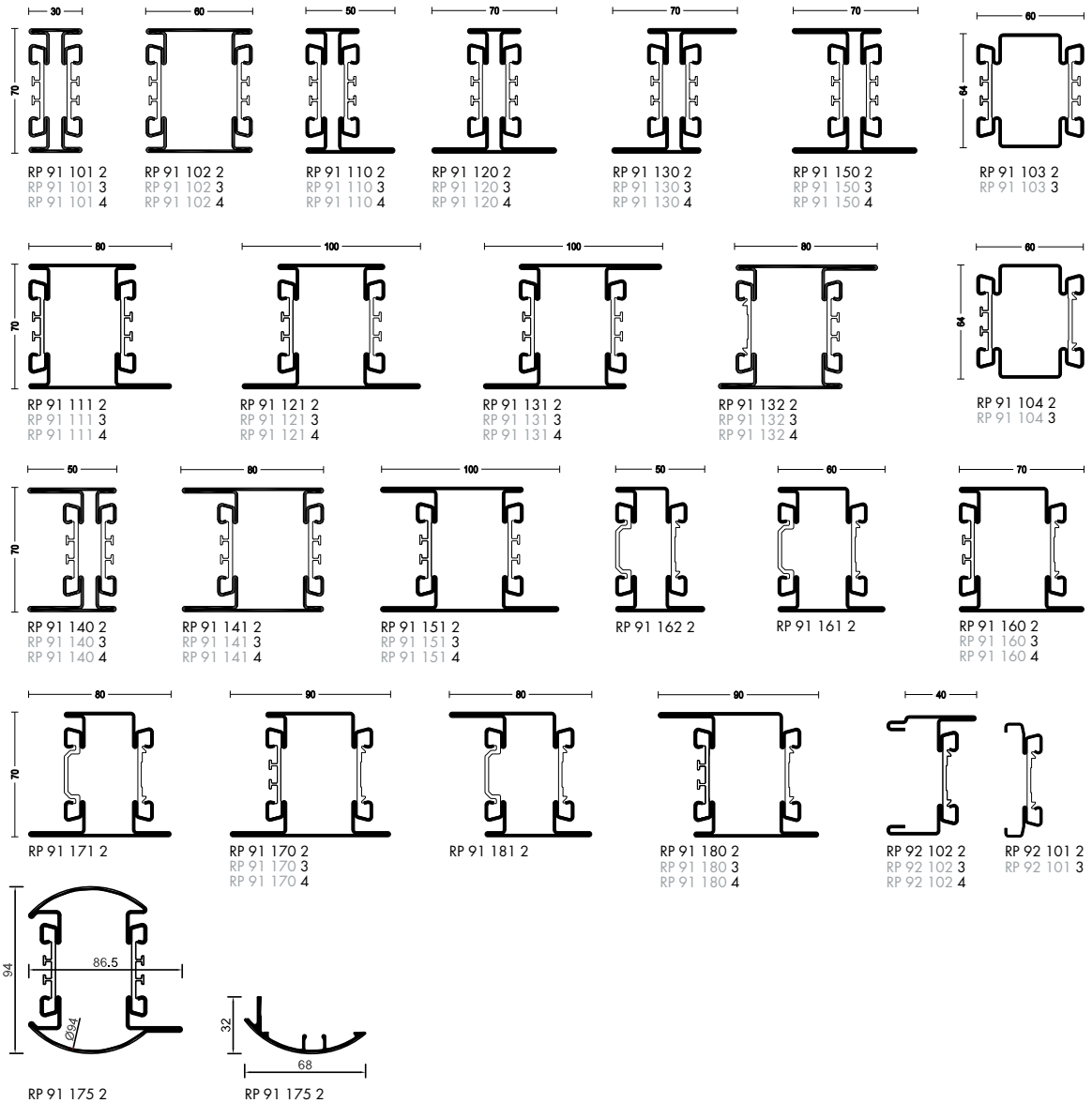
RP-ISO-hermetic 70/70 plus

Profile overview



Partition wall

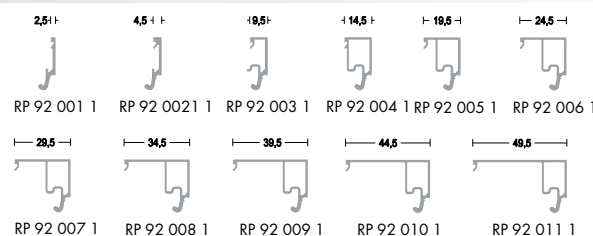
RP-ISO-hermetic 70/70 plus



Steel glazing beads



Aluminium glazing beads

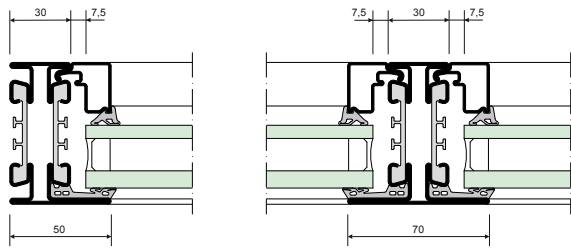


Material designation with end digits:

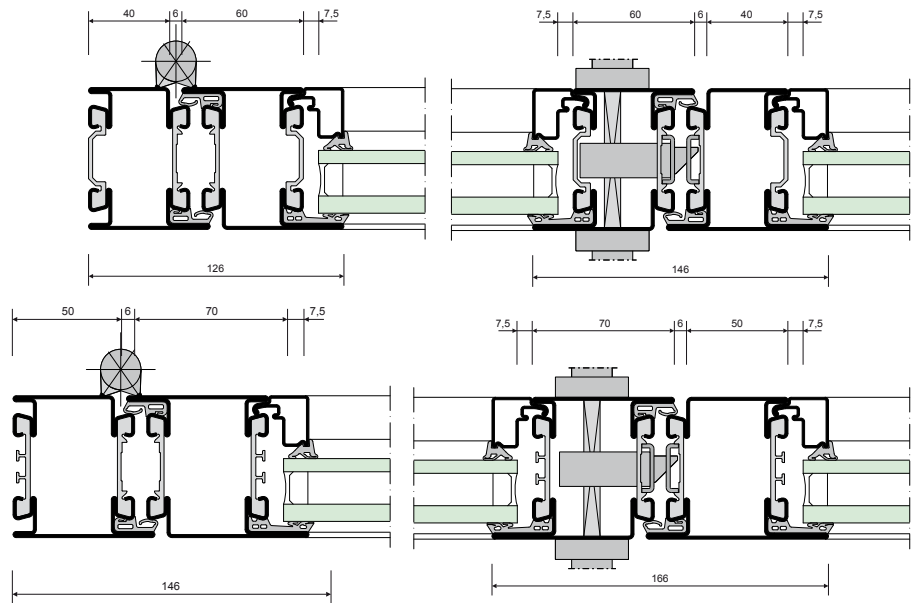
- 1 = aluminium EN AW 6060 EN 573.3, state T66 in accordance with EN 755-2
- 2 = continuously hot-dip coated steel
- 3 = stainless steel 316 (1.4401) EN 10088-1 surface raw material 28, EN 10088-2
- 4 = stainless steel 316 (1.4401) EN 10088-1 visible surfaces ground, grain 400, foil-coated

RP-ISO-hermetic 70

Partition wall

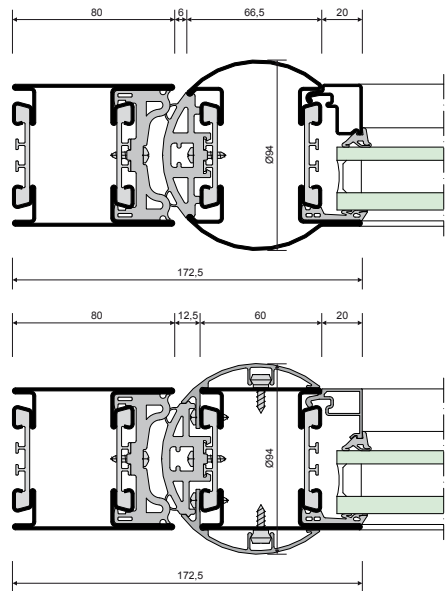


Door



RP-ISO-hermetic 70 – finger protection

Door



STEEL AND STAINLESS STEEL DESIGNS

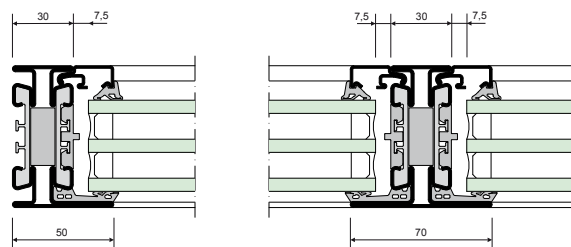
The RP-ISO-hermetic 70/70 plus profile systems are available in continuously hot-dip coated steel and stainless steel 316 (1.4401).

The advantages of these high-quality stainless steel grades are obvious:

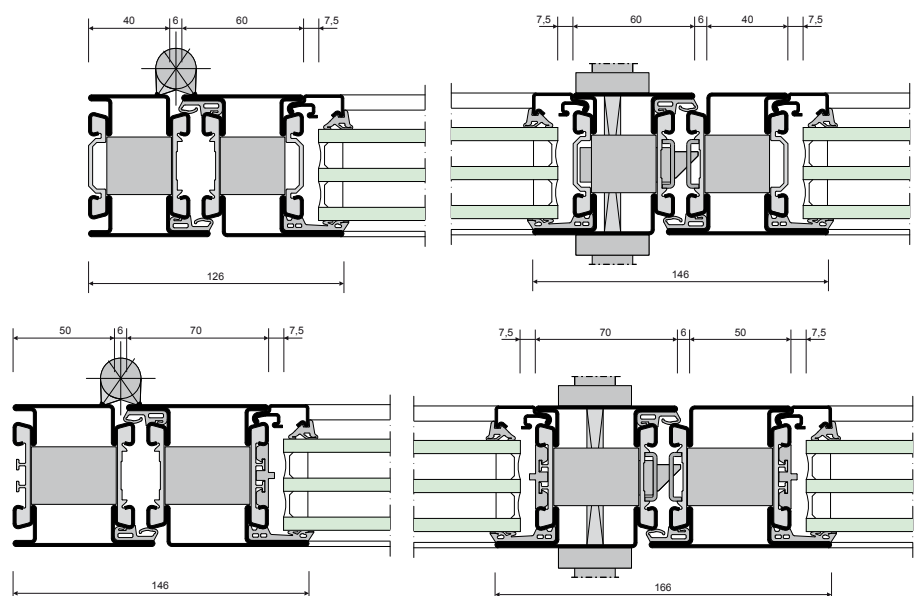
- largely resistant to chlorinated and sulphuric atmospheres, even at room temperature
- ideal for use in coastal or industrial areas as well as in the shipbuilding, food and medical product industries
- good weldability, even for thin-walled components
- excellent non-magnetic properties
- good processing properties and excellent formability
- high corrosion resistance and consequently improved long-term behaviour

RP-ISO-hermetic 70 plus

Partition wall



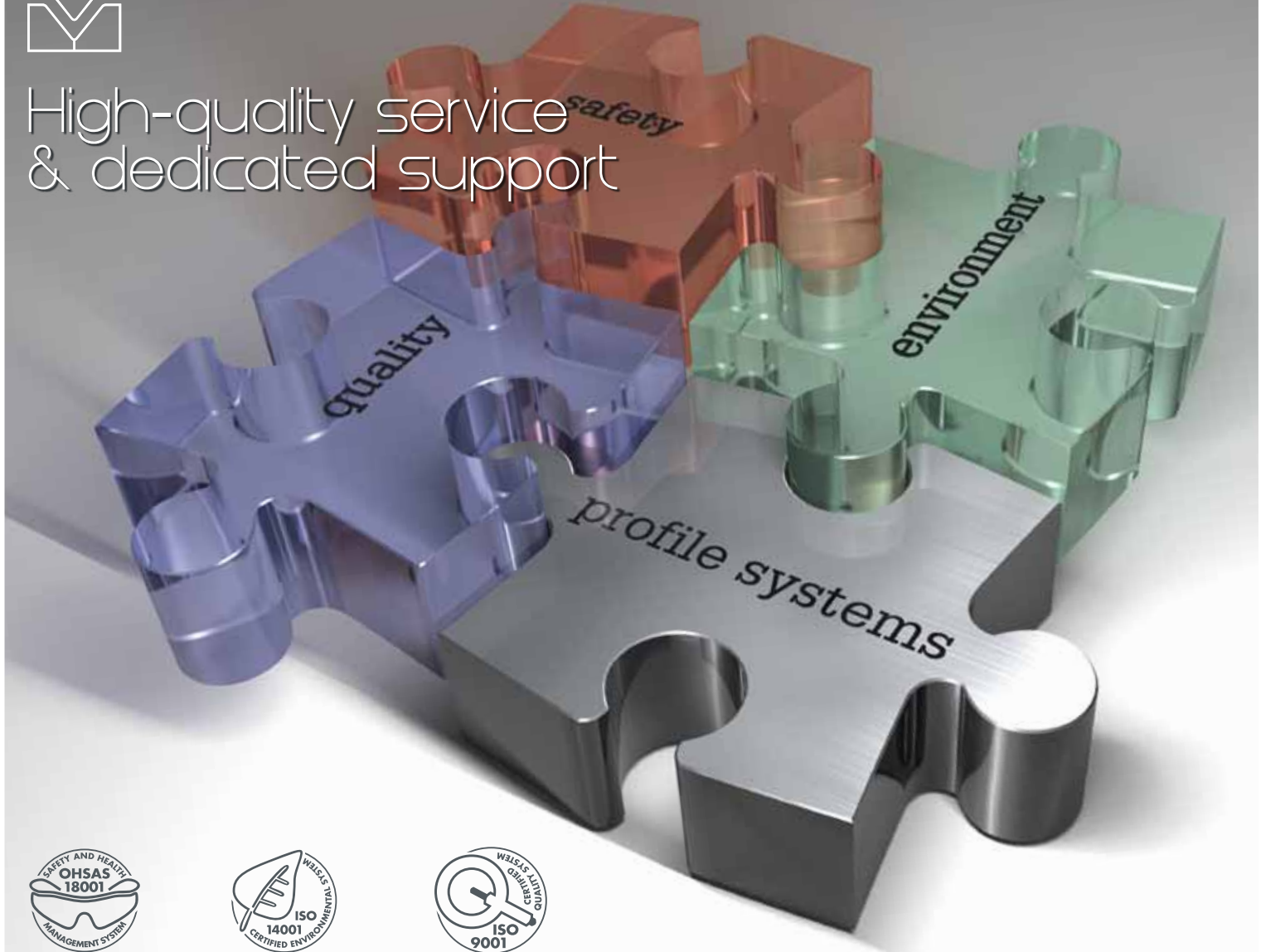
Door



Depending on the construction, RP-ISO-hermetic 70 plus achieves a reduction in U_f value of up to $0.7 \text{ W/m}^2\text{K}$ in comparison with RP-ISO-hermetic 70.



High-quality service & dedicated support



Health

Occupational safety and the protection of health are the mainstay of any successful enterprise. Our long-standing corporate principles reach far beyond the confines of accident prevention. Health and well-being are an unwavering concern of our company.

Environmental protection

We are responsible for the environment we inhabit. A stable environment is key to our success as a company, both now and in future. Environmental protection, when practised on a daily basis, is a prerequisite for building our common future. For this to happen, all employees need to pull together in one direction.

Quality

Seamless quality control at all stages of the production process are a sure-fire guarantee of RP Technik's commitment to unimpeachable quality when it comes to delivering impeccable high-grade profile systems.

CD

You can find all the technical data you need relating to RP Technik's profile systems and their accessory components on the service and documentation CD..



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 unwavering 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	Addon curtain wall system	Doors	Partition walls	Windows	Sliding elements	Evidence	National requirements, directives and building regulations specific to the various Federal States must be observed while taking into account evidence garnered from tests and any approvals related thereto.
RP-ISO-hermetic 45N	●							
RP-ISO-hermetic 60N	●							
RP-tec 55 (FERRO-WICTEC 55 E)	●							
RP MULTITOP 50/60 Outlet	●							
RP-tec 50-1 (FERRO-WICTEC 50-1 E)	●							
RP-tec 55-1 (FERRO-WICTEC 55-1 E)	●							
RP-tec 50-1 HA (FWT 50-1 HA E)	●							
RP-tec 55-1 HA (FWT 55-1 HA E)	●							
RP-tec 50-1 HA plus (FWT 50-1 HA E plus)	●							
RP-tec 55-1 HA plus (FWT 55-1 HA E plus)	●							
RP-tec 60-1 (FERRO-WICTEC 60-1 E)	●							
RP-tec 60-1 HA (FWT 60-1 HA E)	●							
RP-tec 80-1 (FERRO-WICTEC 80-1 E)	●							
RP-tec 80-1 HA (FWT 80-1 HA E)	●							
RP-ISO-hermetic 70 (FERRO-WICSTYLE 70)		●	●					
RP-ISO-hermetic 70 (FERRO-WICLINE 70)				●				
RP-ISO-hermetic 70 plus (FERRO-WICSTYLE 70 plus)		●	●					
RP-ISO-hermetic 70 plus (FERRO-WICLINE 70 plus)				●				
RP-hermetic FINELINE			●	●				
RP-hermetic 40			●	●				
RP-Design 50			●	●				
RP-hermetic 50			●	●				
RP-hermetic 55N (FERRO-WICSTYLE 55N)			●	●				
RP-hermetic 55N (FERRO-WICLINE 55N)				●				
RP-hermetic 55N FP (FERRO-WICSTYLE 55N FP)			●	●				
RP-hermetic 75			●	●				
RP-hermetic 75 FB			●	●				
RP-ISO-hermetic EI30			●	●				
RP-ISO-hermetic EI60			●	●				
RP-ISO-hermetic EI90			●	●				
RP-ISO-hermetic EI120			●	●				
RP-ISO-hermetic 70 FP (FERRO-WICSTYLE 70 FP)			●	●				





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Your sales partner for RP-ISO-hermetic 70/70 plus



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