

Phase 4

AFTER FIRST PAINTING STAGE MADE BY ANAPHORESIS

Phase 5

SECTION AFTER SECOND PAINTING STAGE



PAINTING AND FINISHING PHASES

The manufacturer reserves the right to make any modifications deemed necessary without prior notification.



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COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =

Die cast aluminium radiators



New weldless base assembled by thermoelectric joining technology



EN

www.fondital.com

Phase 3

WASHING AND CHEMICAL TREATMENT OF THE SURFACES

Phase 1
UNMACHINED SECTION

Phase 2
MACHINED SECTION



Choose the Simun Super B4 radiator, choose the heat evolution:

Simun Super B4 stems from a research project aimed at optimizing radiator performances in order to offer a product with high mechanical and energetic capabilities.

A high degree of innovation, achieved thanks to three patents this product was able to obtain, allows the Simun Super B4 radiator to be ideal for renovations and low temperature heating systems.

Choose the Simun Super B4 radiator, discover all its advantages designed for You:

- ▶ Ideal for low temperature heating systems;
- ▶ Excellent weight/power ratio, which facilitates handling and installation;
- ▶ Modular: perfect for any space;
- ▶ High technological content: 3 international patents;
- ▶ Unalterable over time, thanks to its double varnish coating: anaphoresis and powder;
- ▶ 100% made in Italy;
- ▶ Nominal pressure: 16 bar;
- ▶ Pressure Test (undergone by 100% of manufactured products): 24 bar;
- ▶ Bursting pressure: 60 bar;
- ▶ Greater heat exchange = outstanding performances, low power consumption.

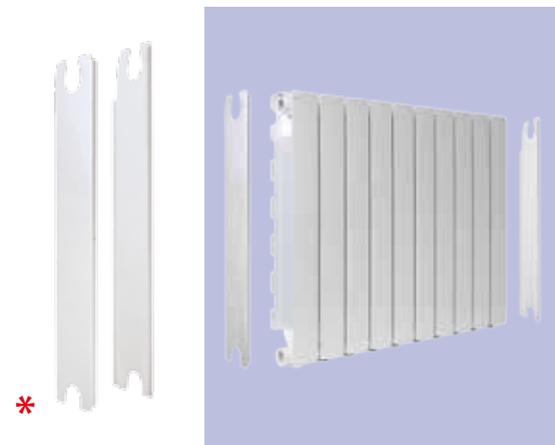


Model	Depth	Height	Centre distance	Length	Connection diameters	Water capacity	Heat output ΔT 50K	Heat output ΔT 30K	Exponent	Coefficient
	mm	mm	mm	mm	inches	litres/sect.	W/sect.	W/sect.	n	K _m
SIMUN SUPER B4 350/100	97	407	350	80	G1	0,24	92,4	48,0	1,2818	0,6139
SIMUN SUPER B4 500/100	97	557	500	80	G1	0,27	124,0	63,7	1,3027	0,7587
SIMUN SUPER B4 600/100	97	657	600	80	G1	0,29	143,5	73,8	1,3015	0,8822
SIMUN SUPER B4 700/100	97	757	700	80	G1	0,35	162,5	82,6	1,3238	0,9155
SIMUN SUPER B4 800/100	97	857	800	80	G1	0,38	178,2	90,3	1,3301	0,9896

Maximum working pressure: 1600 kPa (16 bar)

Characteristic equation of the model $\Phi = K_m \Delta T^n$.

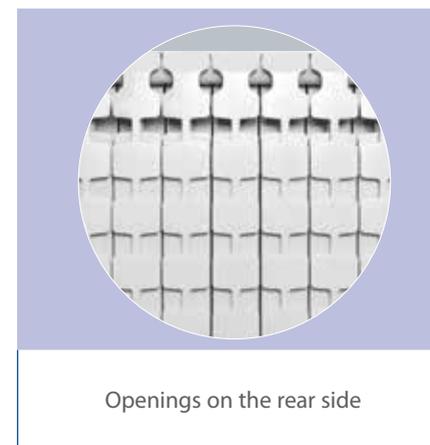
The thermal efficiency values shown comply with the European Standard EN 442-1:2014 and are certified by the MRT Lab of the Milan Polytechnic, notified body no. 1695.



*

* Side kit, available on request as an accessory.

Code	Description
	mm
550360	Side kit, 350 mm
550361	Side kit, 500 mm
550362	Side kit, 600 mm
550363	Side kit, 700 mm
550364	Side kit, 800 mm



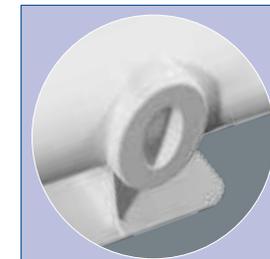
Openings on the rear side

Choose the Simun Super B4 radiator, install the product of the future:

The openings at the rear of the radiator increase convective heat exchange.



Sectional view of weldless base with thermoelectric joining technology



New radiator base joined by thermoelectric technology

Fondital presents its new radiators with weldless base, assembled with an exclusive thermoelectric joining technology.



An environmentally friendly solution.

Thermoelectric process, a PATENT PENDING technology, ensures a stable joint between the aluminium die-cast section and its base. Metal in the joint area is absolutely uniform and the two components are perfectly integrated into each other.



Thermoelectric joining technology is carried out at controlled temperatures that prevent spatter and porosity. The result is a radiator that is as solid as a 100% single piece in aluminium, even more sturdy and reliable than ever.

Other ADVANTAGES of the thermoelectric joining process:

- ✓ No build-up of sludge in the bottom of the radiator.
- ✓ Perfect finish with no internal defects.
- ✓ Better visual appearance, no sharp burrs.
- ✓ Higher mechanical resistance.
- ✓ Environmentally friendly process, no waste of material.



Fondital guarantees Simun Super B4 for 10 years from the date of installation against all production defects providing the heating system conforms to the regulations, in compliance with the standards in force and provided the instructions on installation, use and correct maintenance supplied with the product have been observed.