

Declaration of Performance

DOP No. RD-2.2920/1

1. *Unique identification code of the product type:*

Leoni Bench Seat

2. *Serial Number:*

“LEOB4C49XXXX”

3. *Intended Use/Uses:*

In heating systems in buildings

4. *Manufacture:*

**IRSAP UK
Units 13-14 Charlwoods Road
East Grinstead
West Sussex
RH19 2HU
www.irsap.co.uk**

5. *System/Systems of AVCP:*

System 3

6. *Notified Body/Bodies:*

**POLITECNICO DI MILANO
Dipartimento di ENERGIA
Laboratorio M.R.T. (Misure Ricerche Termotecniche)
Via Raffaele Lambruschini, 4
20156 - MILANO - ITALY**

Radiator Direct is a brand of IRSAP

Units 13 – 14 Charlwoods Road | East Grinstead | West Sussex | RH19 2HU
Tel: 01342 305555 | email: info@radiatorsdirect.co.uk | Web: www.radiatorsdirect.co.uk



7. Declared Performance:

Ancona 4 Column

| Essential Characteristics | Properties | Harmonised technical specification |
|--|--|------------------------------------|
| Reaction to fire | A1 | EN-442-1:2014 |
| Release of dangerous substances | No Release | |
| Maximum working pressure | 8 Bar | |
| Pressure tightness | No Leakage at 10.4 Bar | |
| Surface temperature maximum | 95°C | |
| Resistance to pressure | No Breakage at 13.5 Bar | |
| Rated thermal outputs | See Table 1 | |
| Thermal output in different operating conditions | $\Phi = K_M \times \Delta T^n$ K _M & n see table 1 | |

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Radiators Direct

Table 1:

| Height (mm) | Radiator Width (mm) | Bench Seat Width (mm) | Columns | Sections | Code | Output $\Delta T=50^{\circ}\text{C}$ (watts) | Output $\Delta T=30^{\circ}\text{C}$ (Watts) | Coefficient K_M | Exponent n |
|----------------|---------------------------|--------------------------------|---------|----------|--------------|--|--|----------------------|-----------------|
| 496 | 476 | 650 | 4 | 10 | LEOB4C494710 | 420 | 1433 | 3.066 | 1.25812 |
| 496 | 566 | 815 | 4 | 12 | LEOB4C495612 | 504 | 1720 | 3.6792 | 1.25812 |
| 496 | 611 | 815 | 4 | 13 | LEOB4C496113 | 546 | 1863 | 3.9858 | 1.25812 |
| 496 | 656 | 815 | 4 | 14 | LEOB4C496514 | 588 | 2006 | 4.2924 | 1.25812 |
| 496 | 701 | 1015 | 4 | 15 | LEOB4C497015 | 630 | 2150 | 4.599 | 1.25812 |
| 496 | 881 | 1350 | 4 | 19 | LEOB4C498819 | 798 | 2723 | 5.8254 | 1.25812 |
| 496 | 926 | 1350 | 4 | 20 | LEOB4C499220 | 840 | 2866 | 6.132 | 1.25812 |
| 496 | 1016 | 1350 | 4 | 22 | LEOB4C491022 | 924 | 3153 | 6.7452 | 1.25812 |
| 496 | 1061 | 1350 | 4 | 23 | LEOB4C491023 | 966 | 3296 | 7.0518 | 1.25812 |
| 496 | 1151 | 1650 | 4 | 25 | LEOB4C491125 | 1050 | 3583 | 7.665 | 1.25812 |
| 496 | 1511 | 1950 | 4 | 33 | LEOB4C491533 | 1386 | 4729 | 10.1178 | 1.25812 |
| 496 | 1601 | 1950 | 4 | 35 | LEOB4C491635 | 1470 | 5016 | 10.731 | 1.25812 |
| 496 | 1781 | 2150 | 4 | 39 | LEOB4C491739 | 1638 | 5589 | 11.9574 | 1.25812 |
| 496 | 1871 | 2150 | 4 | 41 | LEOB4C491841 | 1722 | 5875 | 12.5706 | 1.25812 |
| 496 | 2231 | 2650 | 4 | 49 | LEOB4C492249 | 2058 | 7022 | 15.0234 | 1.25812 |

The performance of the product identified in point 1 is in conformity with the declared performances in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Andrew Phillips



**Managing Director
July 2023**

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