



TECHNICAL DATA

Luxor R

Reverberation control in confined spaces

Product description and Technical Specification

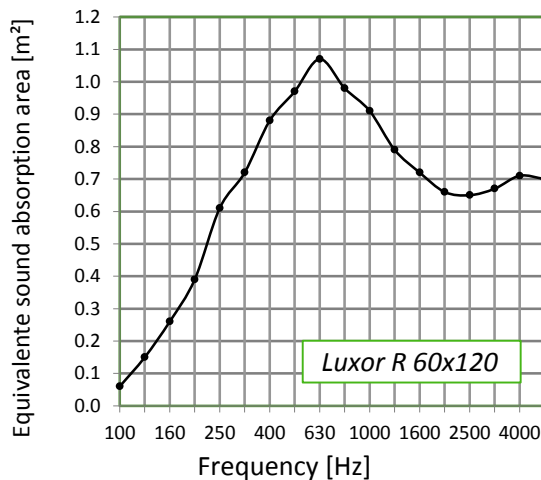
Sound absorption panel made of melamine resin, installed inside a rigid frame and covered by a coloured textile, total thickness 6 cm, with a rectangular shape of dimensions ... cm x ... cm, weight ... kg.



- suitable for: restaurants, offices, conference halls
- easy and flexible application
- wide colour range

| PHYSICAL CHARACTERISTICS | Norm | Unit | 60x60 | 30x120 | 60x120 | Tolerance |
|-----------------------------------|------|------|---------------|--------|--------|-----------|
| Thickness | | cm | 6 | | | ± 5% |
| Width | | cm | 60 | 30 | 60 | ± 1% |
| Length | | cm | 60 | 120 | 120 | ± 1% |
| Total Weight (fastening excluded) | | kg | 1.7 | 2.2 | 2.9 | ± 10% |
| Colour | | | | | | |
| Material in cavity | | | melamine foam | | | |

ACOUSTIC CHARACTERISTICS



| Equivalente sound absorption area | | | |
|-----------------------------------|------------------------------------|--------|------------------------------------|
| f [Hz] | A _{obj} [m ²] | f [Hz] | A _{obj} [m ²] |
| 100 | 0.06 | 800 | 0.98 |
| 125 | 0.15 | 1000 | 0.91 |
| 160 | 0.26 | 1250 | 0.79 |
| 200 | 0.39 | 1600 | 0.72 |
| 250 | 0.61 | 2000 | 0.66 |
| 315 | 0.72 | 2500 | 0.65 |
| 400 | 0.88 | 3150 | 0.67 |
| 500 | 0.97 | 4000 | 0.71 |
| 630 | 1.07 | 5000 | 0.70 |

Measurements according to ISO 354 standard

| TECHNICAL CHARACTERISTICS | Norm | Unit | 60x60 | 30x120 | 60x120 | Tolerance |
|---|------------|------|------------|--------|--------|-----------|
| Resistance to combustion (melamine foam core) | EN 13501-1 | | B-s1,d0 | | | |
| Operating temperature | | °C | -40 / +120 | | | |

PACKING AND STORING

The packaging is made of carton boxes with dimension 1250 x 650 x 300 mm (Luxor R 30x120 and 60x120), or with dimension 650 x 650 x 300 (Luxor R 60x60). Indoor storage is suggested, protected from rain and direct sunlight.

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