

TECHNICAL DATA SHEET

MUTE SYSTEM 30

Soundproofing system

Product description and Technical Specification:

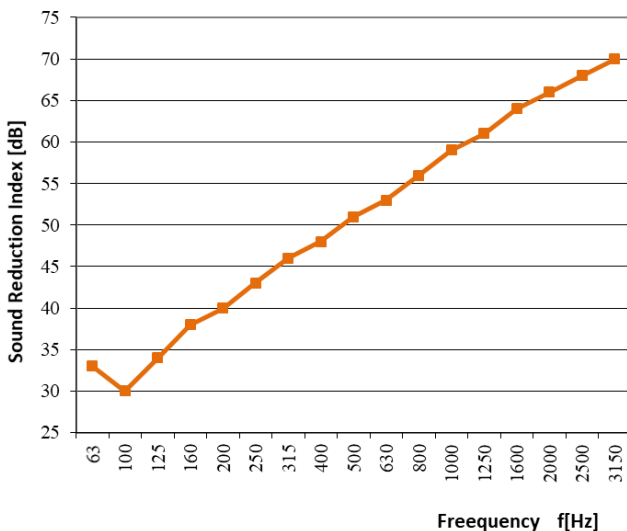
MUTE SYSTEM™ 30 is thin noise - reduction system designed for vertical elements (walls, columns). Together with the final layer it's thickness is only 42.5 mm from the internal space. MUTE SYSTEM™ 30 is suitable for light and medium levels of sound - reducing and when the installation space is not enough for more thick - layered insulation.

Installed on pre - built partitions of hollow ceramic bricks, aerated concrete bricks, reinforced-concrete partitions, drywall partition walls. MUTE SYSTEM™ 30 is suitable for sound insulation in residential and administrative buildings, which require easy and quick installation. The optimum thickness of the soundproofing system makes it preferable for small spaces. Sound reduction index $R_w=53$ dB (-1 dB; -7 dB) / added to Phoro term 250mm/



- Thin soundproofing for walls
- Installation can be carried out both by professionals and by "DIY"
- Sound reduction index $R_w=53$ dB

| PHYSICAL CHARACTERISTICS | Unit | Value | Tolerance |
|--------------------------|------|-------|-----------|
| Thickness | mm | 30 | ±0% |
| Length | mm | 1500 | ±0% |
| Width | mm | 1000 | ±0% |
| Weight | kg | 21,45 | ±0% |



| Sound reduction index R_w | | | | | |
|-----------------------------|----|--------|----|--------|----|
| f [Hz] | dB | f [Hz] | dB | f [Hz] | dB |
| 63 | 33 | 315 | 46 | 1250 | 61 |
| 100 | 30 | 400 | 48 | 1600 | 64 |
| 125 | 34 | 500 | 51 | 2000 | 66 |
| 160 | 38 | 630 | 53 | 2500 | 68 |
| 200 | 40 | 800 | 56 | 3150 | 70 |
| 250 | 43 | 1000 | 59 | | |

* Description of the tested sample: Partition ceramic brick wall with cavities Wienerberger Porotherm N + F with dimensions 375/250/238mm, with soundproofing system for wall "MUTE SYSTEM 30", Visco-elastic membrane DCvisco, one layer of GKB 12,5mm plasterboard.

PACKING AND STORING

On pallets 120 x 100 x 120cm, 35 panels on pallet, weight 760kg/pallet, stretched with folium