

# MUSTWALL

## ACOUSTIC INSULATION FOR WALLS



### MORPHOLOGICAL AND MECHANICAL CHARACTERISTICS OF THE PRODUCT

#### ■ PHYSICAL CHARACTERISTICS

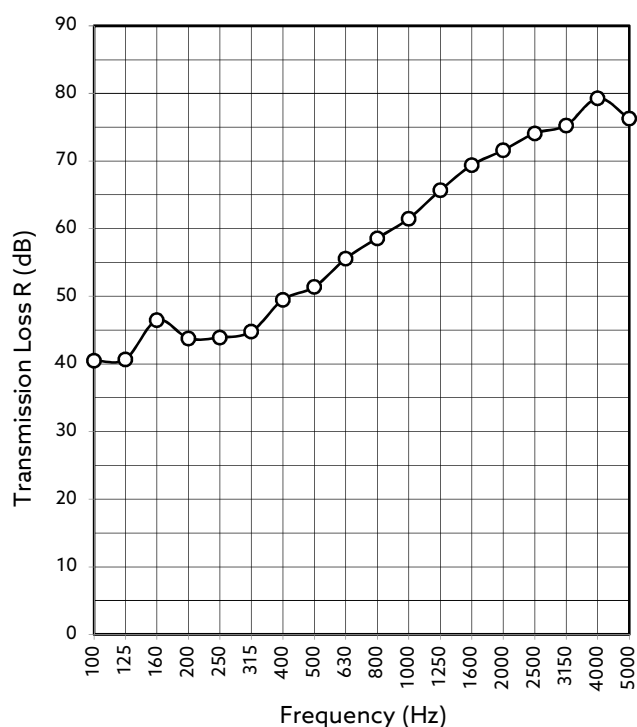
Thickness		mm	10	20	± 10%
Length	EN 822	m	1,20		± 1%
Width	EN 822	m	1,00		± 1%
Superficial weight	EN 1602	kg/m <sup>3</sup>	8,0	14,0	± 10%

#### ■ TECHNICAL CHARACTERISTICS

Thermal conductivity coefficient ( $\lambda$ )	EN 12667	W / m K	0,109
Reaction to fire	EN 13501-1		E

### ACOUSTIC CHARACTERISTICS OF THE PRODUCT

#### ■ TRANSMISSION LOSS



Frequency Hz	R dB
100	40,5
125	40,7
160	46,5
200	43,8
250	43,9
315	44,8
400	49,5
500	51,4
630	55,6
800	58,6
1000	61,5
1250	65,7
1600	69,4
2000	71,6
2500	74,1
3150	75,3
4000	79,3
5000	76,3

EN ISO 10140-2 Laboratory measurement of the acoustic insulation of building elements. Measurement of the trasmission loss  
Evaluation index of the transmission loss EN ISO 717-1:

**R<sub>w</sub> = 56 dB**

Test description:

1. 15 mm plaster
2. 120 mm brick wall
3. Mustwall 20
4. 120 mm brick wall
5. 15 mm plaster

Test report  
Isolgamma  
Laboratory n.  
RW\_2012\_009

