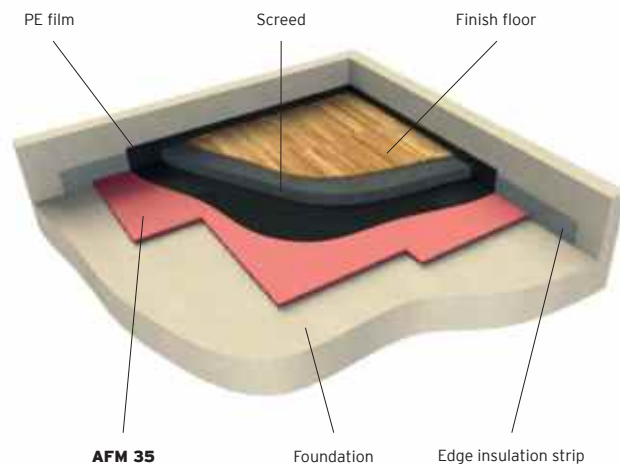


# ACOUSTIC FLOOR MAT 35

## DATASHEET

### Product properties

<b>Material</b>	100 % polyurethane foam
<b>Colour</b>	Bordeaux red
<b>Range of use</b>	Impact sound insulation underneath screed <ul style="list-style-type: none"><li>• Supermarkets</li><li>• Fitness studios</li><li>• Hospitals and old people's homes</li><li>• Production halls and warehouses</li><li>• Timber construction</li></ul>



### Impact sound reduction 35 dB

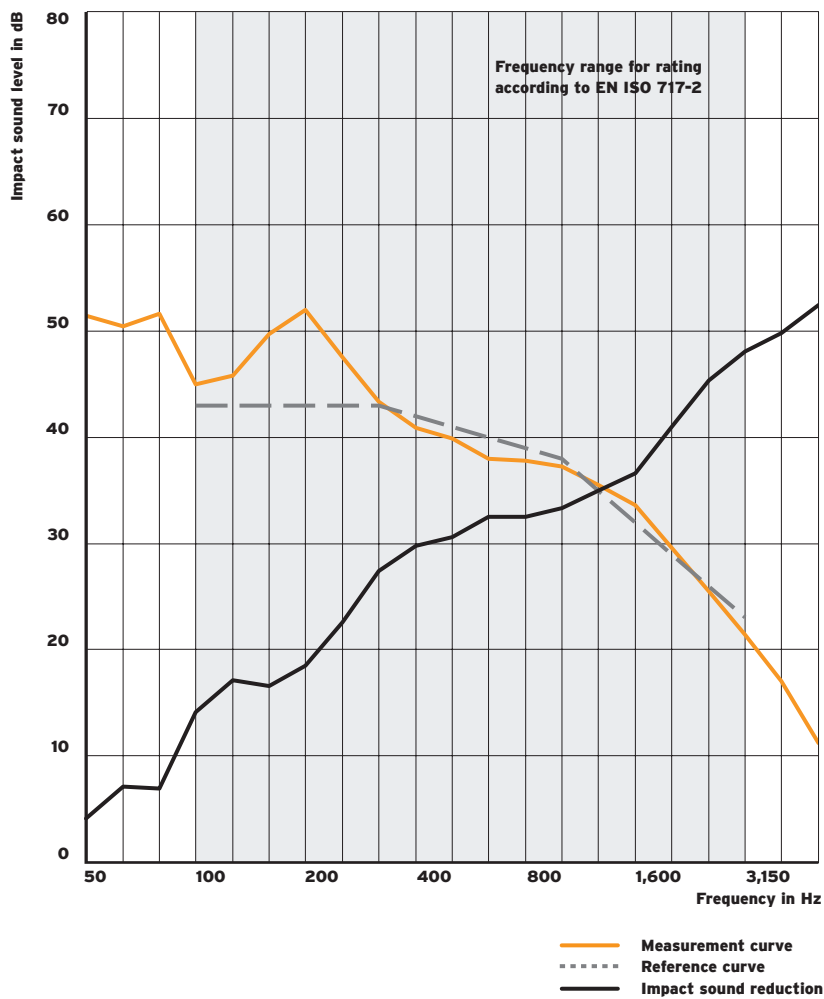
according to EN ISO 717-2

Material properties		Test methods	Explanatory notes
Thickness	16 mm	EN ISO 29770	
Dynamic stiffness $s_t'$	$\leq 5 \text{ MN/m}^3$	EN 29052-1	
Impact sound reduction $\Delta L_w$	35 dB	EN ISO 10140-3	Rating as per EN ISO 717-2
Compressibility $c (d_L - d_B)$	$\leq 1,2 \text{ mm}$	EN ISO 29770	
Flammability	Class E	EN ISO 11925-2	Classification as per EN13501-1
Thermal conductivity	0.06 W/mK	EN 12667	
Temperature range	-30 °C to 70 °C		Higher temperatures possible for short periods
Load range	2,500 kg/m <sup>2</sup>		
European Technical Assessment	ETA-21/0142		

### Product advantages and benefits

- Uniformly effective over the entire load range
- Low installation height - particularly suitable for refurbishments
- Quick installation - does not need to be bonded to the foundation
- Simple handling
- Outstanding durability over decades

## Impact sound insulation according to EN ISO 10140-3



f in Hz	$L_n$ in dB	$\Delta L$ in dB
50	51.4	4.1
63	50.4	7.1
80	51.6	6.9
100	45.0	14.1
125	45.8	17.1
160	49.7	16.6
200	52.0	18.5
250	47.5	22.6
315	43.3	27.4
400	40.9	29.8
500	39.9	30.6
630	38.0	32.5
800	37.8	32.5
1,000	37.2	33.3
1,250	35.5	35.0
1,600	33.6	36.6
2,000	29.6	41.0
2,500	25.5	45.3
3,150	21.4	48.1
4,000	17.0	49.8
5,000	11.2	52.4

### Experimental set-up

80 mm weighted cement screed (215 kg/m<sup>2</sup>)  
 16 mm AFM 35 ( $s_t$  5 MN/m<sup>3</sup>)  
 140 mm reinforced concrete floor (310 kg/m<sup>2</sup>)

### Standard delivery dimensions, ex warehouse

<b>Thickness</b>	16/9 mm corrugated profile
<b>Mats</b>	1,500 × 750 mm
<b>Pallet</b>	70 items (78.75 m <sup>2</sup> )

### European Technical Assessment

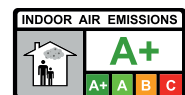
A European Technical Assessment (ETA) is based on independent technical tests, which assess the fundamental performance characteristics of a construction product in accordance with (EU) Regulation No. 305/2011 Construction Products Regulation. It is therefore reliable evidence of the product's fitness for purpose.

All information and data are based on our current knowledge. It can be used in calculations and for reference purposes, but is subject to typical manufacturing tolerances and does not represent warranted properties. Subject to change without notice.

### Further information



[getzner.com/  
floating-floors](https://www.getzner.com/floating-floors)



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