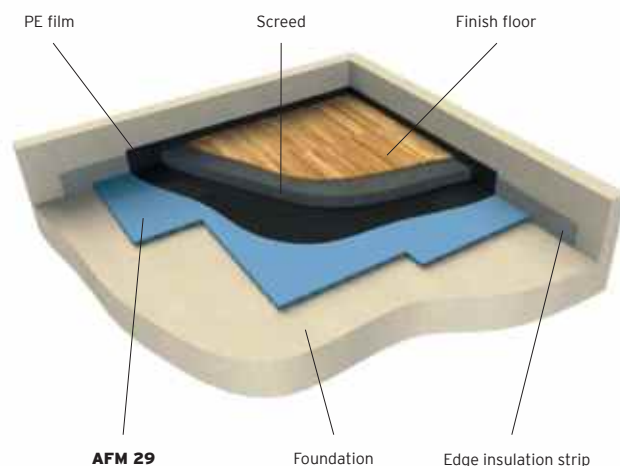


ACOUSTIC FLOOR MAT 29

DATASHEET

Product properties

Material	100 % polyurethane foam
Colour	Steel blue
Range of use	Impact sound insulation underneath screed <ul style="list-style-type: none">• Supermarkets• Fitness studios• Hospitals and old people's homes• Plant and equipment rooms• Timber construction



Impact sound reduction 29 dB

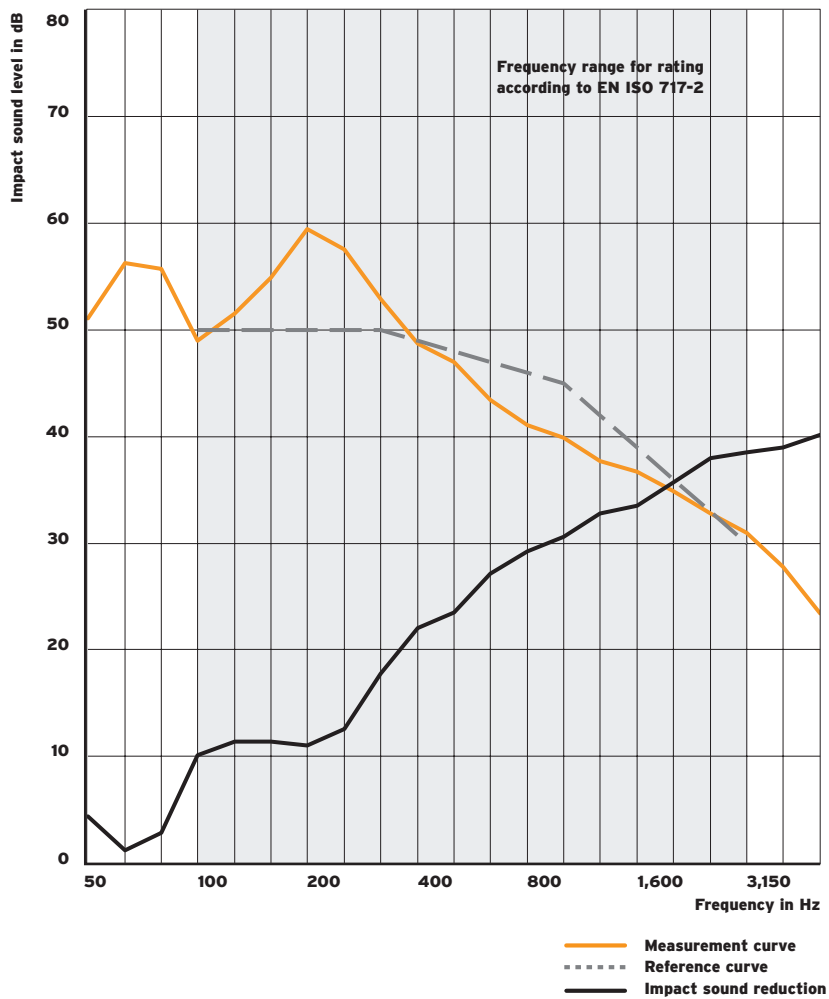
according to EN ISO 717-2

Material properties		Test methods	Explanatory notes
Thickness	11 mm	EN ISO 29770	
Dynamic stiffness s_t'	$\leq 10 \text{ MN/m}^3$	EN 29052-1	
Impact sound reduction ΔL_w	29 dB	EN ISO 10140-3	Rating as per EN ISO 717-2
Compressibility $c (d_L - d_B)$	$\leq 0,8 \text{ mm}$	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	5,000 kg/m ²		
European Technical Assessment	ETA-21/0143		

Product advantages and benefits

- High load capacity
- 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	ΔL in dB
50	51.1	4.4
63	56.3	1.2
80	55.7	2.8
100	49.0	10.1
125	51.5	11.4
160	54.9	11.4
200	59.5	11.0
250	57.5	12.6
315	52.9	17.8
400	48.7	22.0
500	47.0	23.5
630	43.4	27.1
800	41.1	29.2
1,000	39.9	30.6
1,250	37.7	32.8
1,600	36.7	33.5
2,000	34.9	35.7
2,500	32.8	38.0
3,150	31.0	38.5
4,000	27.8	39.0
5,000	23.4	40.2

Test assembly

80 mm cement screed (190 kg/m²)
 11 mm AFM 29 (s_t' 10 MN/m³)
 140 mm reinforced concrete floor (310 kg/m²)

Standard delivery dimensions, ex warehouse

Thickness	11/6 mm corrugated profile
Mats	1,500 × 750 mm
Pallet	100 items (112.5 m ²)

European Technical Assessment

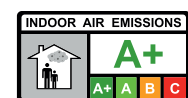
A European Technical Assessment (ETA) is based on independent technical tests, which assess the fundamental performance characteristics of a construction product in accordance with (EU) Regulation No. 305/2011 Construction Products Regulation. It is therefore reliable evidence of the product's fitness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



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