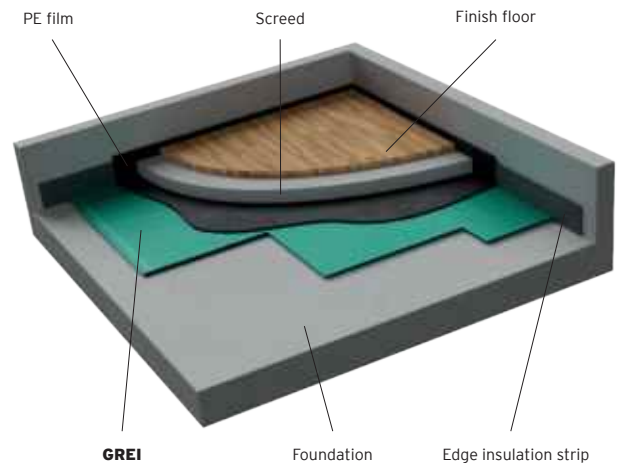


# GREI

## DATASHEET

### Product properties

<b>Material</b>	EPDM and SBR granulated
<b>Colour</b>	Green/black
<b>Range of use</b>	Impact sound insulation underneath screed <ul style="list-style-type: none"><li>• Traditional or lightweight screeds for domestic buildings</li><li>• Hotels</li><li>• Refurbishments</li><li>• Function rooms</li><li>• Timber construction</li></ul>



### Impact sound reduction 24 dB

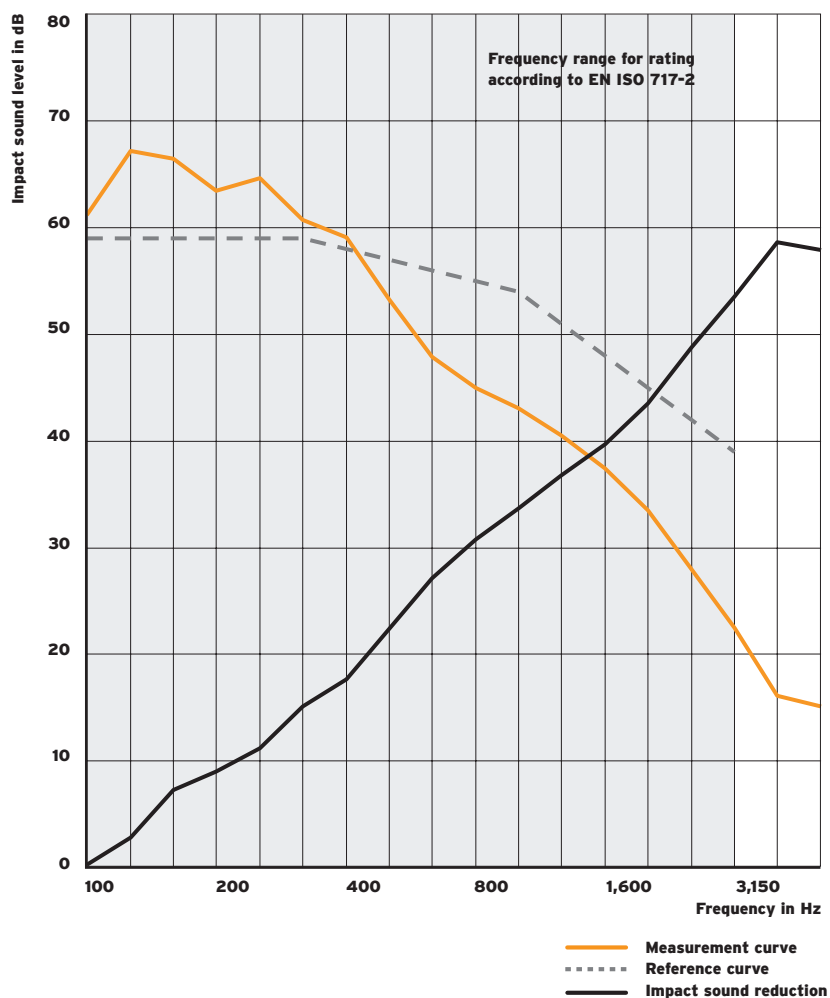
according to EN ISO 717-2

Material properties		Test methods	Explanatory notes
Thickness	7 mm	EN ISO 29770	
Dynamic stiffness $s_t'$	$\leq 8 \text{ MN/m}^3$	EN 29052-1	
Impact sound reduction $\Delta L_w$	24 dB	EN ISO 10140-3	Rating as per to EN ISO 717-2
Compressibility $c$ ( $d_L - d_0$ )	1,7 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	3.000 kg/m <sup>2</sup>		
European Technical Assessment	ETA-23/0044		

### Product advantages and benefits

- 88 % recycled content
- Printed fleece for easy measuring and cutting
- Long side with self-adhesive overlap

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



f in Hz	$L_n$ in dB	$\Delta L$ in dB
100	61.2	0.3
125	67.2	2.8
160	66.5	7.3
200	63.5	9.0
250	64.6	11.2
315	60.7	15.1
400	59.1	17.7
500	53.3	22.4
630	47.9	27.1
800	45.0	30.8
1,000	43.1	33.7
1,250	40.5	36.8
1,600	37.4	39.7
2,000	33.5	43.5
2,500	28.0	48.8
3,150	22.5	53.5
4,000	16.1	58.6
5,000	15.1	57.9

## Test assembly

50 mm cement screed (99 kg/m<sup>2</sup>)7 mm GREI ( $s_t'$  8 MN/m<sup>3</sup>)150 mm reinforced concrete floor (375 kg/m<sup>2</sup>)

## Standard delivery dimensions, ex warehouse

<b>Thickness</b>	7 mm
<b>Rolls</b>	5,000×1,040 mm with 40 mm overlap
<b>Pallet</b>	25 items (125 m <sup>2</sup> )

## European Technical Assessment

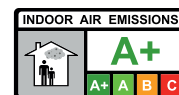
A European Technical Assessment (ETA) is based on independent technical tests, which assess the fundamental performance characteristics of a construction product in accordance with (EU) Regulation No. 305/2011 Construction Products Regulation. It is therefore reliable evidence of the product's fitness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



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