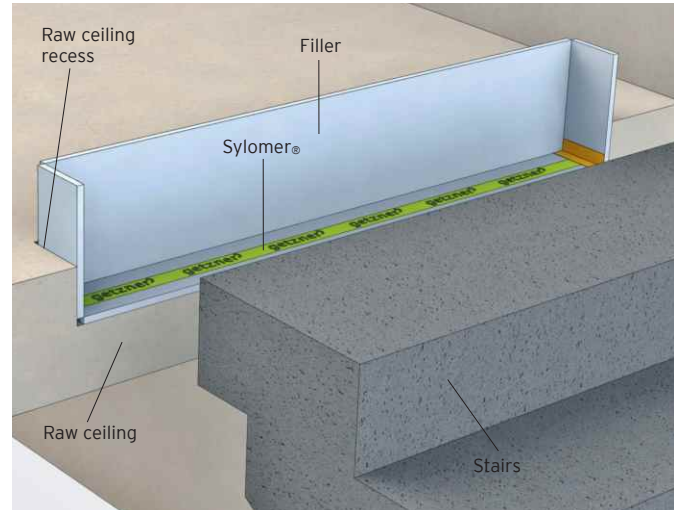


Getzner Stair Bearing SB10 Product Data Sheet



- Application area** Concrete stairs in residential, commercial and industrial buildings
- In-situ concrete stairs
 - Precast concrete stairs
- Material** Elastomer: Sylomer®
Filler: polyethylene
- Colour** Green



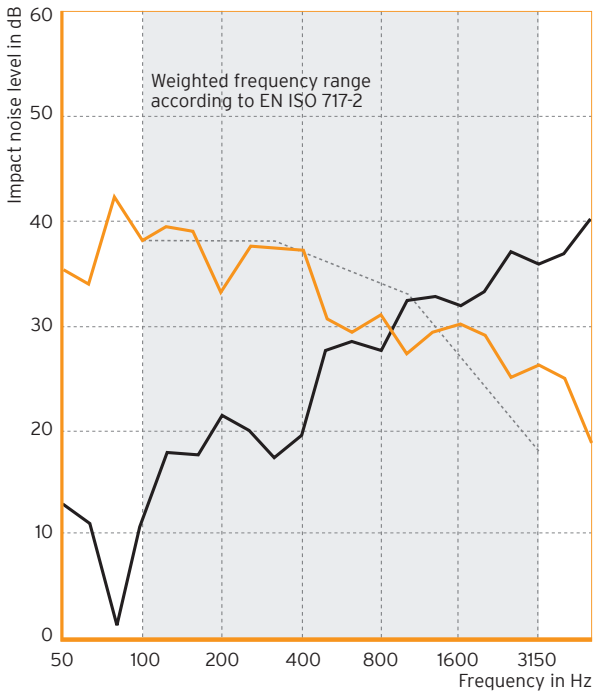
Improvement of impact noise 31 dB
According to ISO 717-2

Advantages and benefits

- Outstanding level of impact noise reduction at minimum installation height
- Highly effective across the entire load range
- Quick and easy installation
- Compensation of construction tolerances
- Defined load transmission and low deflection
- Aging stability extending over decades
- Flexible adjustments to the specified bearing dimensions

Product properties		Test procedure	Comment
Static range of use (quasi-static loads)	≤ 24 kN/m		
Maximum design load (loads at design level)	≤ 75 kN/m		
Unladen bearing thickness	12 mm		
Bearing width	100 to 235 mm		
Delivery length	1500 mm		
Flammability	Class E	EN ISO 11925-2	Normal flammable, EN 13501-1
Temperature range	-30°C to 70°C		Higher temperatures possible for short periods
Measured rate of impact noise reduction $\Delta L_{n,w}/flight$	31 dB	DIN 7396	ISO 717-2 Reference component rigid landing

Impact noise improvement level according to DIN 7396

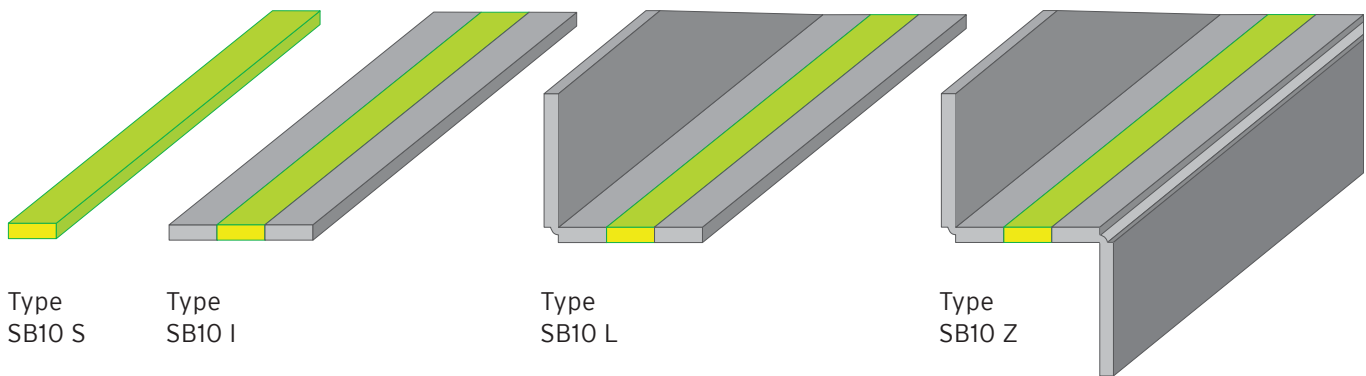


f [Hz]	L_n [dB]	$\Delta L_{n,w,flight}$ [dB]
50	35.4	13.4
63	34.0	11.0
80	41.9	1.0
100	37.9	10.8
125	39.4	18.0
160	39.0	17.6
200	33.4	21.6
250	37.7	20.2
315	37.3	17.5
400	37.3	19.4
500	30.7	27.8
630	29.3	28.6
800	31.1	27.6
1000	27.1	32.6
1250	29.3	32.9
1600	30.2	32.0
2000	29.2	33.5
2500	24.9	37.2
3150	26.2	36.0
4000	25.0	37.0
5000	18.8	40.4

— Measurement curve
 - - - Reference curve
 — Improvement of impact noise

Experimental set-up:
 Precast stair flight with rigid landing and elastically beard stair flight (4400 kg)
 12 mm Getzner SB10
 240 mm partition wall (414 kg/m²)

Delivery forms



Type SB10 S

Type SB10 I

Type SB10 L

Type SB10 Z

Installation instructions and text for tenders

Additional information can be found on our homepage at www.getzner.com.

All information and data is based on our current level of 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.