

## Technical data

### PhoneStrip Decoupling Strip

#### Load-bearing sound decoupling strip

- Ecological raw materials - wood and sand
- No load dependency
- No risk of mix-up of grade to be used - versatile product
- Easy to specify and to install



The colour of the adhesive tape may vary.

#### Product description:

PhoneStrip Load-bearing sound decoupling strip are made of environmentally friendly materials, corrugated cardboard and quartz sand and are specially equipped for use on the building site.

Technical data			
Length	1200 mm (± 3 mm)		
Width	from 50 mm up to 240 mm (± 3 mm)	Customised to customer requirements	
Thickness	15 mm (+ 0,5 mm / - 1,5 mm)		
Raw density	≥ 1300 kg/m <sup>3</sup> (± 100 kg/m <sup>3</sup> )		
Weight	19 kg/m <sup>2</sup>		
Reaction to fire	E	EN 13501	
Propensity to undergo continuous smouldering:	no	EN 16733	
Fire resistance duration of structural joint	97 min	Orienting test based on DIN EN 1363-1	
Compressive strength: Characteristic $f_{c,kw}$	23,00 N/mm <sup>2</sup>	Based on DIN EN 26891	
Compressive strength: designed $f_{c,d}$	17,69 N/mm <sup>2</sup>	With security factor	
Typical safety factor	1,3	Following DIN 1995-1-1/NA, table NA.2 and 3	
K <sub>mod</sub> -Value	1	ETA 20/0371	
Maximum final deformation $f_{c,k} = 23,00 \text{ N/mm}^2$	3,5 mm (+/- 0,5 mm)	ETA 20/0371	
Maximum final deformation at 2,5 N/mm <sup>2</sup>	1,2 mm (+/- 0,5 mm)	ETA 20/0371	
Vibration reduction index ( $\Delta K_{ij}$ ) CLT-joint up to	2,3 dB (L-joint)	EN ISO 10848-1	
	2,6 dB (T-joint)	Floor / lower wall	
	2,6 dB (T-joint)	Floor / upper wall	
	1,9 dB - 6,5 dB (T-joint)	Upper wall / lower wall	
Thickness swelling	2 %	After 24 h cold water storage	
Outdoor weathering*	maximum 4 week	In installed condition	
Coefficient of static friction $\mu$	Concrete	0,30	EN 1990:2002+A1:2005+A1:2005/AC:2010, Annex D.7, according to Eurocode
	Wood	0,21	
Shear tention $\tau$	Beton	1,07 [MPa]	EN 1990:2002+A1:2005+A1:2005/AC:2010, Annex D.7, according to Eurocode
	Wood	0,74 [MPa]	
Shear strain $\epsilon_q$	Beton	0,066	EN 1990:2002+A1:2005+A1:2005/AC:2010, Annex D.7, according to Eurocode
	Wood	0,060	
Shear modulus Gg	Beton	28,4 [MPa]	EN 1990:2002+A1:2005+A1:2005/AC:2010, Annex D.7, according to Eurocode
	Wood	19,4 [MPa]	

\* The PhoneStrip can be installed on the building site regardless of the weather, but like wooden components, it should be covered after completion of the day's work to ensure protection from the weather.

**Storage:** - Store PhoneStrip horizontally, flat and dry. / Protect edges from damage.

WOLF BAVARIA GmbH · Gutenbergstraße 8 · 91560 Heilsbronn · Tel.: +49 (0) 9872 95398-0 · Fax: +49 (0) 9872 95398-11 · www.wolf-bavaria.com  
 We guarantee the consistent quality of our products, but reserve the right to make technical changes and further developments. The information on this data sheet is based on practical and scientific experience and corresponds to the manufacturer's specifications. As we have no influence on the variety of materials or their processing, we cannot assume any guarantee of properties in the sense of the latest BGH case law. This information is of a non-binding nature and does not exempt you from carrying out sufficient tests yourself.