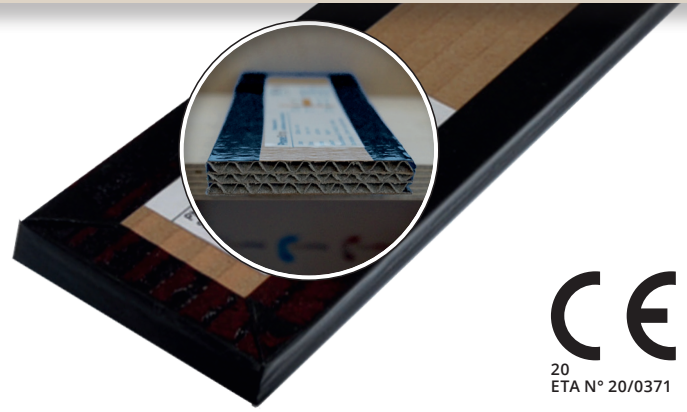


## Technical data

### PhoneStrip as a ceiling centring strip

- is a high load-bearing decoupling strip for classic solid construction.
- PhoneStrip can absorb the ceiling deformation (ceiling deflection) which is problematic for the masonry.



### Product description:

PhoneStrip - as an unreinforced bearing, is made of environmentally friendly corrugated cardboard, which is filled with compacted quartz sand and is therefore highly resilient with a characteristic compressive strength  $f_{c,kw}$  of 23.0 N/mm<sup>2</sup>. In the edge area, the cardboard allows deformations of up to 4 mm.

Technical data			
Length	1200 mm (± 3 mm)		
Width	from 50 mm / up to 500 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	
Fire resistance duration of structural joint	97 min.	Tested in accordance with DIN EN 1363-1	
Propensity to undergo continuous smouldering:	no	EN 16733	
Compressive strength: Characteristic $f_{c,kw}$	23,00 N/mm <sup>2</sup>	Based on DIN EN 26891	
Vibration reduction index ( $\Delta K_{ij}$ )	2,2 dB	Based on DIN 4109-32	
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+3	
$K_{mod}$ -Value	Not to be applied (1)	AZ: 18-G-027	
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	
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 tension $\tau$	Concrete	1,07 [MPa]	EN 1990:2002+A1:2005+A1:2005/AC:2010, Annex D.7, according to Eurocode
	Wood	0,74 [MPa]	
Shear strain $\epsilon_q$	Concrete	0,066	EN 1990:2002+A1:2005+A1:2005/AC:2010, Annex D.7, according to Eurocode
	Wood	0,060	
Shear modulus Gg	Concrete	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  
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