ELASTIC JUNCTION FOR CLT STRUCTURES

JOINWOOD

Technical specification

Flexible anti-vibration joint in stripes 6 mm thick made of SBR (Stirene Butadiene Rubber) fibres and granules rubber hot pressed with a polyurethane binder to a 130 g/m² non-woven, unstretched backing. Density 800 kg/m³. Stripes dimensions: m 8 lenght, mm 100, 140 width.

PHYSICAL CHARACTERISTICS	Standard	Unit	JOINWOOD	Tolerance
Thickness		mm	**6**	± 1
Length		m	**8,00**	± 2%
Width		mm	**100 - 140**	± 5
Density		kg/m³	**800**	± 5%
Superficial weight		kg/m²	**4,8**	± 5%
Backing superficial weight		g/m²	**130**	
Colour			**black/blue**	

ACOUSTIC CHARACTERISTICS	Standard	Unit	JOINWOOD	Tolerance
Dynamic stiffness (dry application) [(1)]	EN 29052-1	MN/m³	**77**	
Natural frequency (fn)		Hz	**99**	

TECHNICAL CHARACTERISTICS	Standard	Unit	JOINWOOD	Tolerance
Compressibility c	EN 12431	mm	**≤ 0,2**	
Creep deformation at time Xct - 10 years	EN 1606	mm	**0,13**	
Strain at time ε_t - 10 years			**5,9%**	
Thermal conductivity coefficient λ	EN 12667	W/m°K	**0,120**	
Hardness	DIN 53505	Shore A	**60**	
Reaction to fire	EN 13501-1		**F**	

PACKING AND STORING

Each pallet is wrapped and protected with waterproof polythene film. Inside storage is recommended to avoid possible wet storing.

NOTES

[(1)] Measurement executed in deviation from norm EN 29052-1, without applying plaster on the test sample

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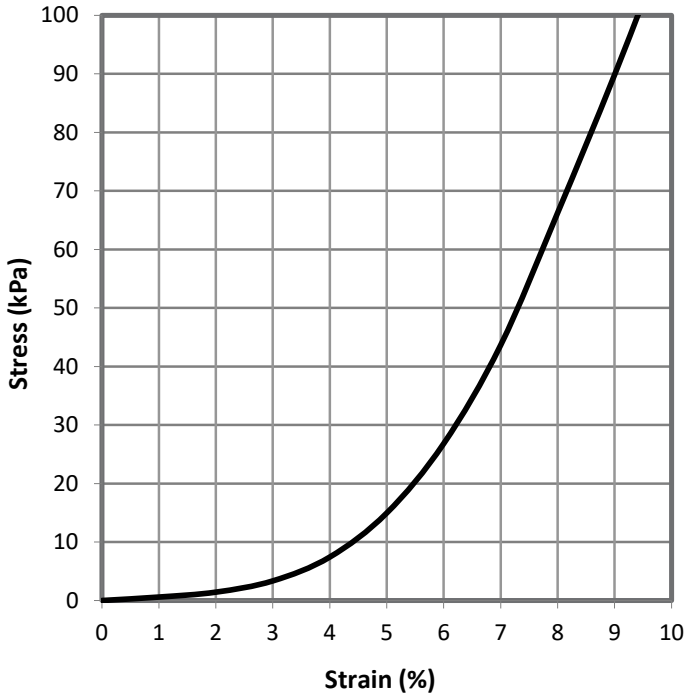
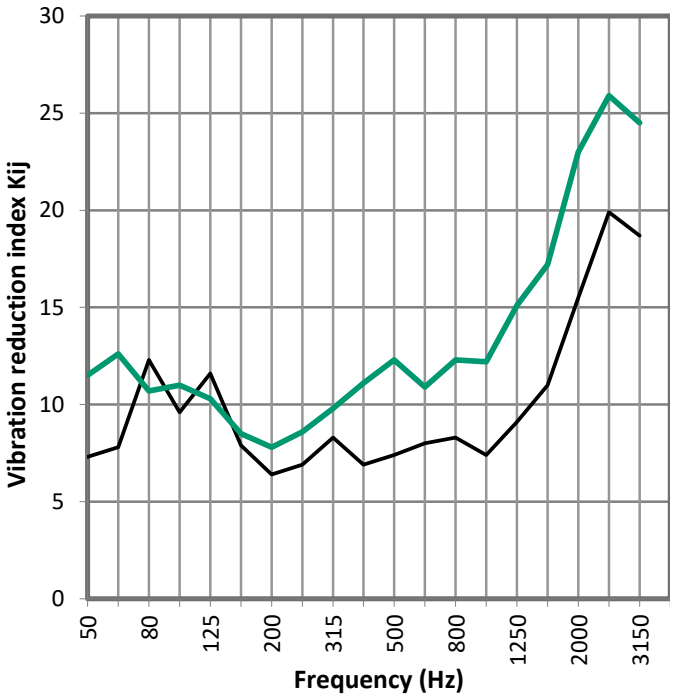
Compression behavior EN 826



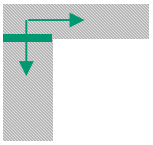
	Unit	σ_{10}	Tolerance
Joinwood	kPa	≥ 115	

Vibration reduction index Kij - L Junction

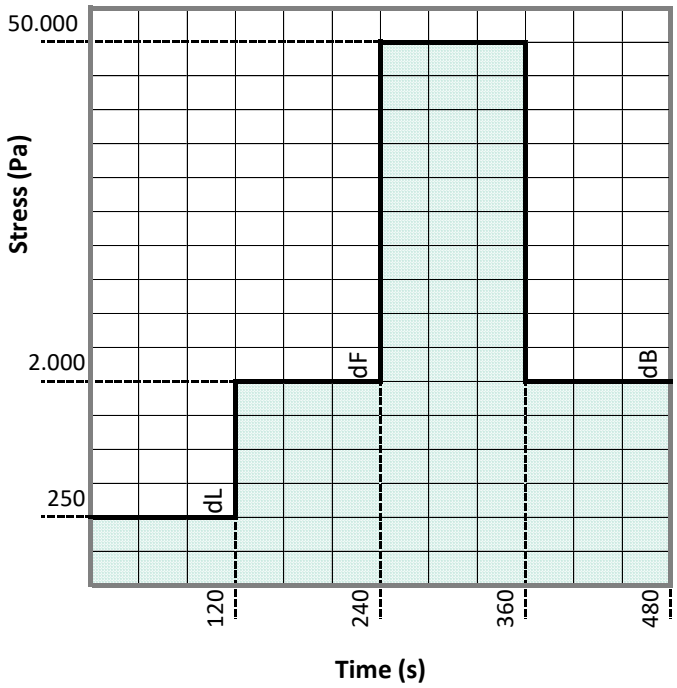


L Junction in CLT wall

Without Joinwood
With Joinwood

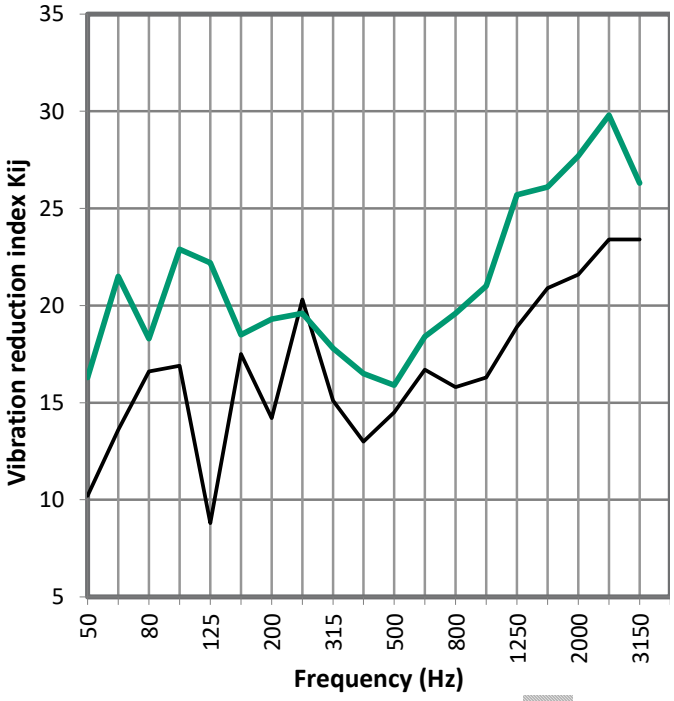


Thickness and Compressibility EN 12431



	Unit	dL	dF	dB	Tolerance
Joinwood	mm	6,6	6,4	6,4	± 10%

Vibration reduction index Kij - X Junction



T Junction in CLT wall

Without Joinwood
With Joinwood