

TECHNICAL SPECIFICATION

..... mm-thick acoustic insulation rolls, made of SBR (Stirene Butadiene Rubber) rubber granules and cork granules that are anchored and hot pressed with polyurethane adhesive. Each roll is 20 m length x 1 m width. Density is 700 kg/m³.



PHYSICAL CHARACTERISTICS	Standard	Unit	SYLWOOD 3	SYLWOOD 5	Tolerance
Thickness		mm	3	5	± 0,3
Length		m	20		± 1,5%
Width		m	1,00		± 1,5%
Density		kg/m ³	700		± 5%
Superficial weight		kg/m ²	2,10	3,50	± 5%
Colour			black/cork		

ACOUSTIC CHARACTERISTICS	Standard	Unit	SYLWOOD 3	SYLWOOD 5	Tolerance
Dynamic stiffness s'	EN 29052-1	MN/m ³	≤ 625	≤ 485	
Dynamic stiffness (dry application) ⁽¹⁾	EN 29052-1	MN/m ³	≤ 235	≤ 225	
Impact sound pressure level attenuation ΔLw laboratory test ⁽²⁾	EN ISO 10140 EN ISO 717-2	dB	≥ 20	≥ 20	
Impact sound pressure level attenuation ΔLw laboratory test ⁽³⁾	EN ISO 10140 EN ISO 717-2	dB	≥ 17	-	

TECHNICAL CHARACTERISTICS	Standard	Unit	SYLWOOD 3	SYLWOOD 5	Tolerance
Compressibility c	EN 12431	mm	0,1	0,1	
Creep deformation at time Xct - 10 years	EN 1606	mm	0,06	0,2	
Strain at time ε _t - 10 years			7,8%	6,6%	
Hardness	DIN 53505	Shore A	55		± 5
Thermal conductivity coefficient λ	EN 12667	W/m K	0,120		
Water vapour diffusion resistance factor μ	EN 12086		14		
Water vapour trasmission Sd	EN 12086	m	0,042 -0,070		
Fire grade	EN 13501-1		E		

PACKING AND STORING

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

NOTES

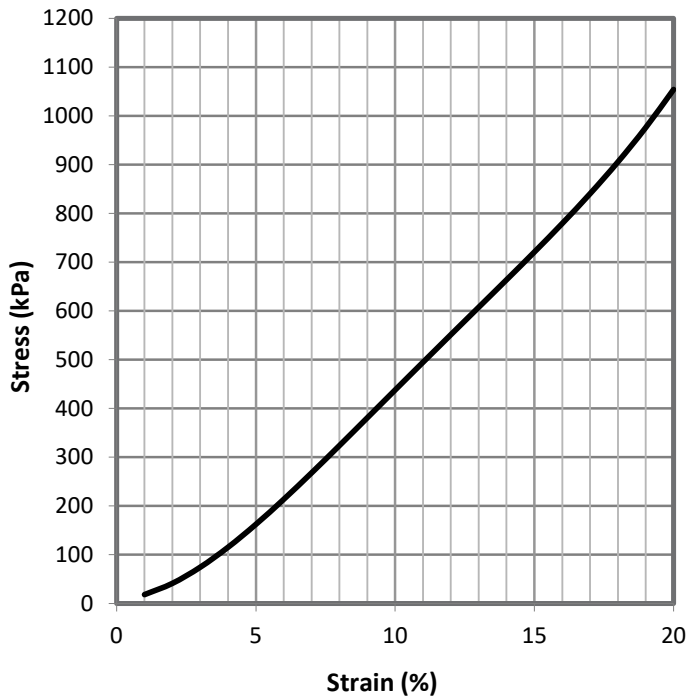
Measurement executed in deviation from norm EN 29052-1, without applying plaster on the test sample

Test report: CA floor 14 cm, sand-cement screed 5 cm, dry-mounted Sylwood, 1.5 cm parquet dry-mounted on Sylwood

Test report: CA floor 14 cm, sand-cement screed 5 cm, Sylwood glued to screed, 1.5 cm parquet glued to Sylwood.

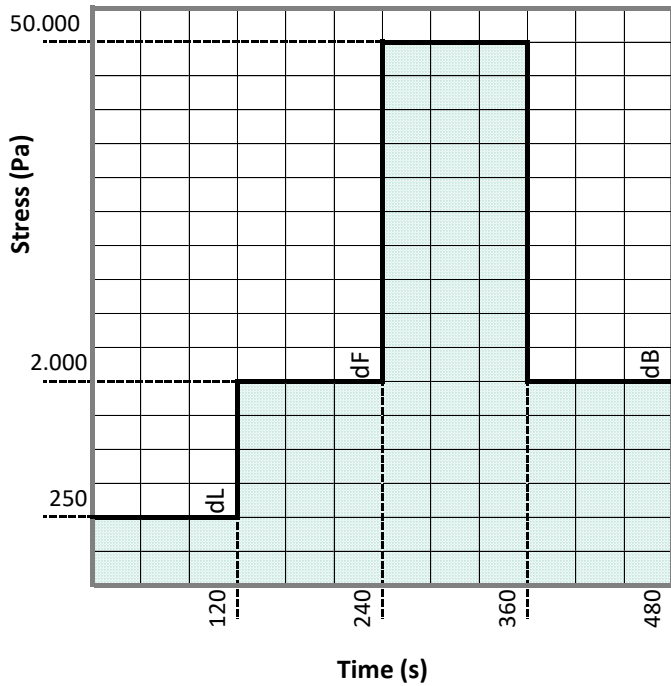
The suggestions and technical information given above represent our knowledge regarding the properties and the product's uses. ISOLGOMMA reserve the right to modify or update this data without prior notice. This document is the property of ISOLGOMMA and all rights are therefore reserved.

COMPRESSION BEHAVIOR - EN 826



	Unit	σ_{10}	Tolerance
SYLWOOD 3 SYLWOOD 5	kPa	≥ 438	± 5%

THICKNESS AND COMPRESSIBILITY - EN 12431



	Unit	dL	dF	dB	Tolerance
SYLWOOD 3 SYLWOOD 5	mm	3,2	3,1	3,1	± 10%
		5,0	4,9	4,9	

INSTALLATION INSTRUCTIONS



Apply the Profyle Flat 5 all along the room perimeter.



DRY APPLICATION: lay down the Sylwood and seal the roll jointing borders with the adhesive stik tape; then apply the parquet boards.



GLUE APPLICATION: apply the mat glue, then lay down the Sylwood rolls by jointing the borders with the adhesive stik tape. Glue the parquet boards over the Sylwood mat with the indicated glue.



When the flooring application is completed, cut the exceeding part of the edging strips.