

Product data sheet – SonoTec sound insulation cork

Product description

Our **SonoTec sound insulation cork** is a compound material whose components are cork and natural rubber. The product is suitable for vibration damping applications in which very high insulation values are required. They are used as invisible insulators (pads/strips) with a low resonant frequency as well as medium to low load.

Material

- SK02
- SK03
- SK04



Advantages

- sustainable material
- high load-bearing capacity
- invisible installation
- easy to use

Article table

SonoTec				
Art. no.	Name	Dimensions [mm]	Material thickness [mm]	PU
945305	SK02	80x1100	6	20
945306	SK02	100x1100	6	20
945307	SK03	80x1100	6	20
945308	SK03	100x1100	6	20
945309	SK04	80x1100	6	20
945310	SK04	100x1100	6	20

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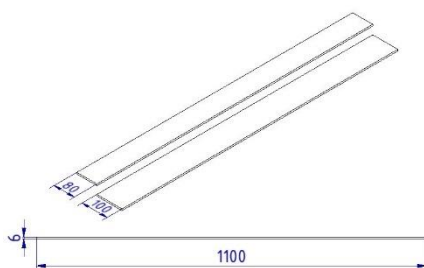
Instructions for use

The cork is either laid at the corresponding point on the floor or attached to the timber stud frame using brackets before the components are fixed in place. For this, we recommend using our EuroTec hammer tacker and our hammer tacker brackets, starting at a length of 12 mm. Due to their small diameter, the brackets are not to be regarded as acoustic bridges. **The loads to be supported in each case must be determined by a structural engineer.**

Product properties

	SK02	SK03	SK04
	Load ranges [N/mm²]		
Static	0,1 - 0,4	0,4 - 1,5	1,5 - 3,0
Total	0,6	2,0	4,0
Short-term peak loads	1,5	8,0	10,0
	Modulus of elasticity [N/mm²]		
Static	1,6 - 4,0	5,0 - 13,0	8,0 - 20,0
Dynamic	3,5 - 8,0	10,0 - 33,0	16,0 - 50,0
	Other values		
Temperature [°C]/span	10/+100	-10/+100	-10/+100
Density [kg/m³]	700	1100	1125
Shore hardness [Shore A]	35 - 50	45 - 60	60 - 80
Elongation at break [%]	> 200	> 300	> 100
Tensile strength [N/mm²]	> 2,0	> 5,0	> 6,0
Compression at 23°C/70 h [%]	< 15	< 15	< 15

Drawing

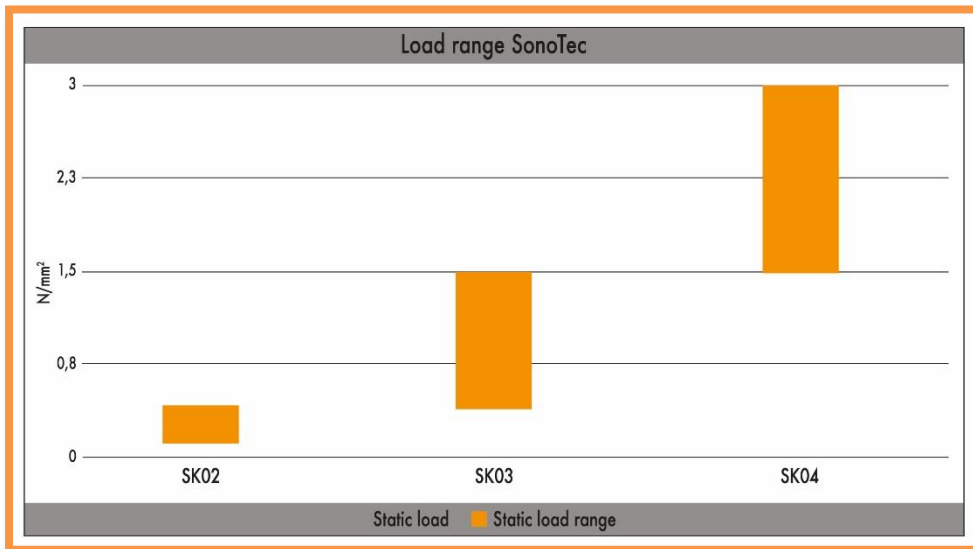


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Application image



Diagram



It is imperative that you contact our application technology department if you are not familiar with this product's use, and especially with its use in accordance with the regulations (Technik@eurotec.team).