SAPPA

Sustainable Acoustic Solutions Technical Data Sheet

SAPPA acoustic panels represent today the most innovative and sustainable solution dedicated to acoustic comfort. Made from hemp, a rapidly renewable natural raw material, and natural mineral-based binder (cement-free). For interior use, walls and ceilings, on all surfaces.

Qualities

① CO2 negative

② 100% natural materials

③ Heat accumulating

④ Indoor air & humidity regulator

⑤ Naturally fire-safe, without fire retardants (Bs1-D0)

⑥ Easy to recycle

⑦ Not suitable for outdoor

Composition

Made from hemp chips, a residue from the plant, organic binder based on minerals and adhesives from nature.

Installation

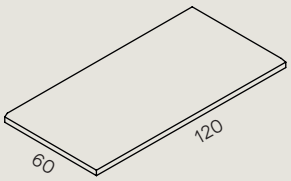
Sappa panels can be installed on walls and ceilings. In both cases they can be screwed. For the detailed explanation, see the installation guide.

Storage

Must be stored horizontally, in a clean and climate controlled environment free of moisture and they must be moved with care.

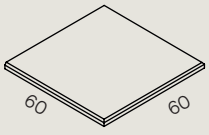
Shapes and Sizes

*The dimensions are given in centimeters



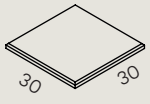
6,8 kg

Large rectangle
(edges not chamfered)



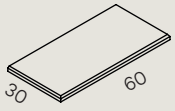
3,4 kg

Large square



0,65 kg

Small square



1,7 kg

Rectangle

1,7 kg

Large triangle

0,32 kg

Small triangle

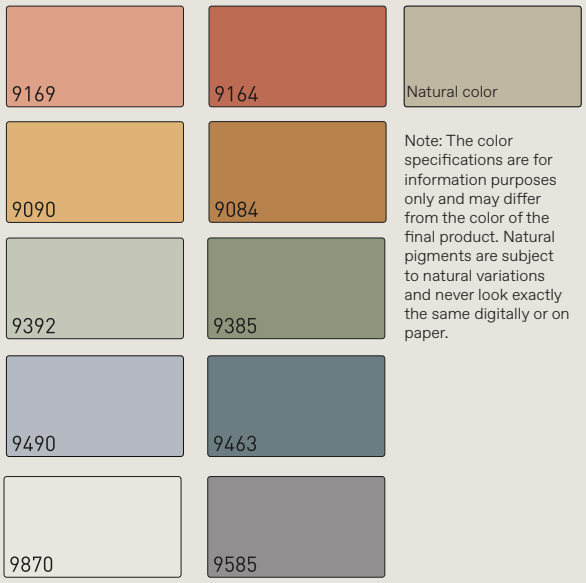
info@sappapanels.com

Dimensions

Form	Dimensions cm	Weight kg	Pieces / m²	Pieces / m³	Quantity / pallet
Large rectangle	120 × 60	6,8	1,38	46	40 Pcs. - 28.9 m2
Large square	60 × 60	3,4	2,76	92	80 Pcs. - 28.9 m2
Small square	30 x30	0,65	11,11	368	320 Pcs. - 28.9 m2
Rectangle	60 x30	1,7	5,52	184	160 Pcs. - 28,9 m2
Large triangle	60 × 60	1,7	5,52	184	160 Pcs. - 28,9 m2
Small triangle	30 x30	0,33	22,22	736	640 Pcs. - 28,9 m2
Panel thickness	3 cm				

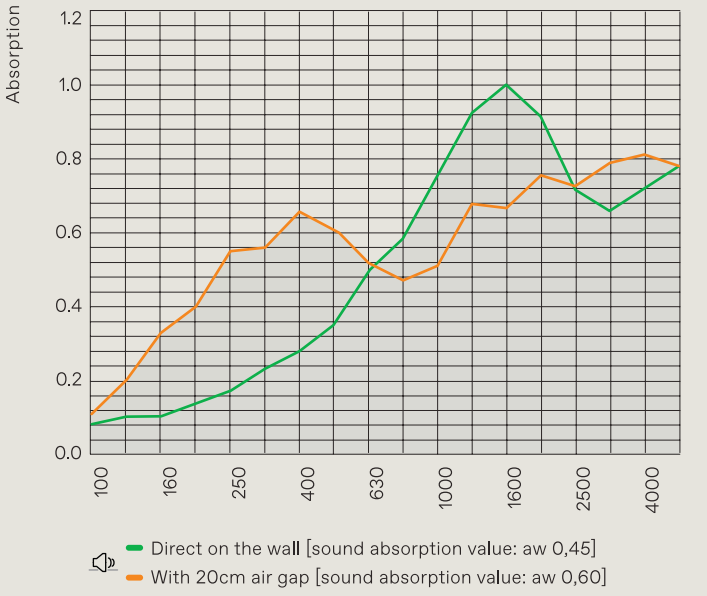
*The weight can change by + - 30% depending on the humidity in the ambience

Colors Scheme



Note: The color specifications are for information purposes only and may differ from the color of the final product. Natural pigments are subject to natural variations and never look exactly the same digitally or on paper.

Acoustic



Technical Values

Sound absorption value directly on the wall (aw)	0,45
Sound absorption value 20 cm distance (aw)	0,60
Fire reaction EN 13501-1	B-s1.D0
Spec. weight / m² large rectangle	ca. 9 kg
Spec. weight / m² other shapes	ca. 8,9 kg
Spec. weight / m³ large rectangle	ca. 300 kg
Spec. weight / m³ other shapes	ca. 280 kg
Compressive strength Mpa	0,35
Water absorption coefficient dry	4,3

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