

SOLID ACOUSTIC PANEL FOR WALL AND CEILING

JANGAL
the green way
janggal.eu

TECHNICAL DATA SHEET // GENERAL INFORMATION

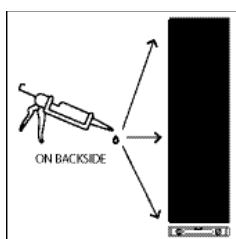
DOP:JPINCH001

FORMAT	2.400 x 600 x 22 mm	FORMAT	1.206 x 800 x 22 mm
SLAT WIDTH	27 mm	SLAT WIDTH	27 mm
DISTANCE SLATS	13 mm	DISTANCE SLATS	13 mm
CONTENTS :		CONTENTS :	
PIECE	1 pcs (1,44 sqm)	PIECE	1 pcs (0,9648 sqm)
PACKAGE	1 pcs (1,44 sqm)	PACKAGE	1 pcs (0,9648 sqm)
PALLET	40 pcs (57,6 sqm)	PALLET	40 pcs (38,592 sqm)
Weight		Weight	
PIECE	10,44 kg	PIECE	9 kg
PACKAGE	10,44 kg	PACKAGE	9 kg
PALLET	485 kg	PALLET	380 kg

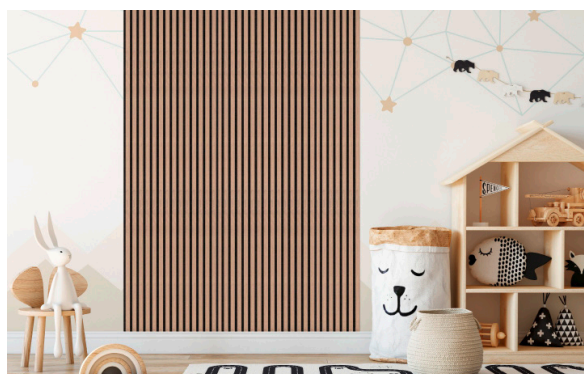
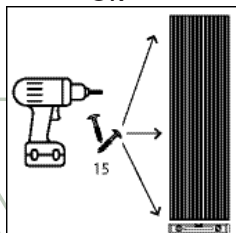
TECHNICAL INFORMATION

ESSENTIAL CHARACTERISTICS	PERFORMANCE	HARMONISED TECHNICAL SPECIFICATION
Reaction to fire (PET)	D-s2, d0	EN13501-1:2018
REACH	passed	VO (EG) Nr. 1907/2006
Heavy metals	passed	EN 15102-1:2007
Vinyl chlorid monomer	passed	EN 15102-1:2007
Pentachlorophenol (PCP)	passed	EN 15102-1:2007
Sound absorption	class B	EN 15102:2019
Formaldehyde (MDF)	Carb P2	CARB Phase 2 and TSCA Title VI

INSTALLATION



OR



2.400 x 600 x 22 mm



1.206 x 800 x 22 mm

The panels can be easily glued or screwed. You can obtain the digital version of the assembly instructions by scanning the QR code or via the following link:
<https://www.janggal.eu/en/downloads/laying-instructions/>

Real wood 1mm
MDF 12mm
PET felt 9 mm



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TECHNICAL DATA SHEET // REAL WOOD VENEER

Wood veneers of any kind or grade, dried after slicing or peeling.

HAZARD IDENTIFICATION

Wood veneer is classified as a non-hazardous material, but handling the product without gloves may result in injury from wood splinters that may occur.

Sanding produces wood dust that can cause irritation to the nose, throat, eyes and skin. Wood dust may also contain sensitive substances and cause allergic reactions. Prolonged inhalation of wood dust can be carcinogenic.

Wood dust exposure can lead to the following health effects:

Swallowed

They are unlikely to occur in large quantities.

Eye contact

Wood dust may cause temporary discomfort.

Skin contact

Wood dust can cause itching and occasionally a rash, depending on the person and the type of veneer.

Inhale

Wood dust can irritate throat and lungs.

CHEMICAL COMPOSITION

Wood is composed of cellulose, hemicellulose and lignin, with traces of other chemical substances, all of which are intrinsically harmless in the concentrations present in veneers.

FIRST AID MEASURES

General first aid:

Seek medical advice if symptoms occur that are obviously due to contact with this product.

Swallowed

Drink water - seek professional medical advice.

Eye contact

If you wear contact lenses, remove them and rinse your eyes with running water.

Skin contact

Wash with soap and water.

Inhale

Remove the person to fresh air. If recovery is not rapid, seek medical attention.

FIRE FIGHTING MEASURES

This product is not considered a fire hazard. However, like many other organic chemicals, the product can form flammable dust clouds in the air under certain circumstances. Burning or smoldering veneer produces irritating/toxic fumes. Use water, foam or CO₂ fire extinguisher.

HANDLING AND STORAGE

Accumulation of dry wood dust in the air should be avoided by using suitable exhaust systems. Smoking is prohibited when wood dust is present in the air. Veneers should be stored away from sources of heat, flame or sparks. No special transport requirements are necessary.

LOAD CONTROL & PERSONAL PROTECTION

Technical controls

Work with veneers should be carried out in areas where there is a possibility to minimize the generation of wood dust.

Skin protection

Long-sleeved shirts, pants and work gloves should be worn if skin irritation is present. Gloves should be worn to minimize the risk of splintering.

Respiratory protection

If wood dust exposure cannot be controlled during veneer sanding, a respirator should be worn that complies with current regulations.

Eye protection

Safety glasses should be worn during processing.

Poison exposure notes

Prolonged exposure to wood dust can cause nasal cancer. Small airborne dust particles generated during fine sanding should be kept out by installing an effective dust extraction system and/or using face masks. Skin irritation/dermatitis is unlikely when handling dried veneer, but some wood dusts can cause this form of irritation. Sensitization dermatitis is far more problematic and is usually caused by exposure to the fine wood dust of certain woods.

IRRITATION OF THE RESPIRATORY TRACT

In parallel with dermatitis, there is irritation of the respiratory tract in both the mainly irritant and allergenic forms. Symptoms include runny nose and eyes as well as sneezing and occasionally nosebleeds. In the more extreme cases, the affected worker may have difficulty breathing, sometimes leading to asthma-like symptoms.

Recommendations for disposal

Unwanted products should be disposed of by landfill or incineration at an approved site in accordance with local regulations.

Certification

One hundred percent of the real wood veneer of the slats comes from sustainably managed forests, which is guaranteed by the FSC certificate.



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TECHNICAL DATA SHEET // MDF

Coloured MDF board with high density.

HAZARD IDENTIFICATION

Sanding produces wood dust that can irritate the nose, throat, eyes and skin. Wood dust may also contain sensitive substances and cause allergic reactions. Prolonged inhalation of wood dust can be carcinogenic.

FIRST AID MEASURES

General first aid

Seek medical advice if symptoms occur which are obviously due to contact with this product.

Swallowed

Drink water - seek professional medical advice.

Eye contact

If you wear contact lenses, remove them and wash your eyes with running water.

Skin contact

Wash with soap and water.

Inhale

Remove person to fresh air. If recovery is not rapid, seek medical attention.

Handling and storage

Wherever possible, protect from any direct contact with water. The panels must be stacked flat, on a pallet or using a sufficient number of cross battens. Expansion and shrinkage occur under variable humidity conditions.

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TECHNICAL DATA SHEET // PET FELT

PET felt (polyester fiber) with at least 40% recycled content.

HAZARD IDENTIFICATION

Normally no danger to eyes or skin. If swallowed or inhaled, seek medical advice. This product is not an irritant and does not present a health hazard when manufactured, handled or used normally.

CHEMICAL COMPOSITION

100% Pet sheet (polyester fiber) including a minimum of 40% Recycled content.

FIRST AID MEASURES

The materials are not toxic. In case of digestion of a significant amount provide water and induce vomiting. Burns caused by melted components must be treated medically.

FIRE FIGHTING MEASURES

Precautions should be taken against static discharges. The products formed during the combustion of polyester consist of carbon, hydrogen and oxygen. The exact composition depends on the conditions of combustion. Use water, dry chemical extinguishers, foam or co2 fire extinguishers.

HANDLING AND STORAGE

Should be stored flat and dry. No special storage or transportation requirements are necessary. The use of safe working practices is recommended.

TOXICITY INFORMATION.

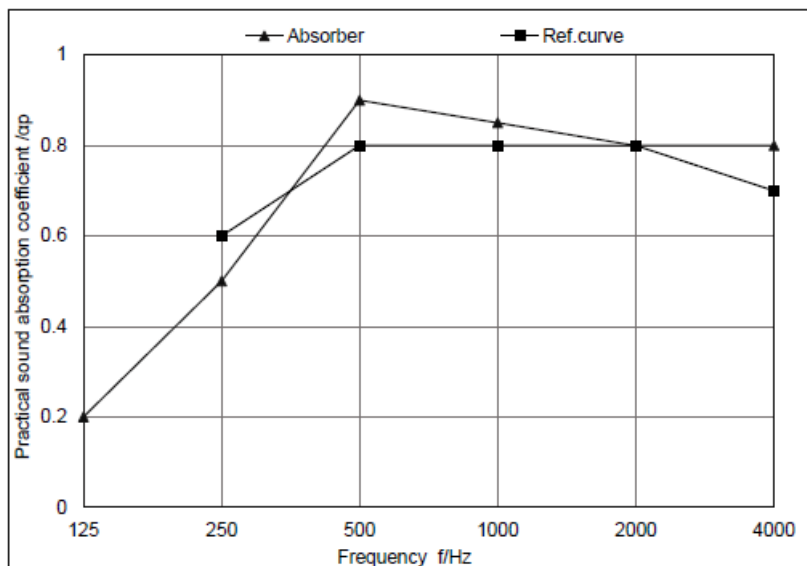
Low voc value, non-toxic, no formaldehyde.

NOTES ON DISPOSAL

Unwanted product should be recycled at an authorized site in accordance with local regulations.

TEST RESULTS SOUND ABSORPTION

Frequency/Hz	Reference curve	Practical sound absorption coefficient, α_p	Weighted sound absorption coefficient, α_w	Sound absorption classes
125	-	0.20	0.80	Class B
250	0.60	0.50		
500	0.80	0.90		
1000	0.80	0.85		
2000	0.80	0.80		
4000	0.70	0.80		



IV. Test Result

Frequency, Hz	Absorption Coefficient, α_s
100	0.16
125	0.23
160	0.21
200	0.39
250	0.47
315	0.60
400	0.78
500	0.95
630	1.00
800	0.98
1000	0.89
1250	0.75
1600	0.71
2000	0.85
2500	0.83
3150	0.83
4000	0.80
5000	0.78
α_s	0.68
NRC	0.80

