

Made in Romania



APK
Art Panel

Panels for walls
and ceilings

A smart choice for your home.

Cuprins

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Aapanel Panels

Are products designed for the indoors, made of medium density fibreboard (MDF).

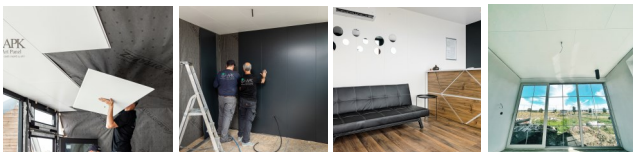
Fully recyclable, our panels share similar ecofriendly properties with wood.

The lack of germ and fungus development ranks Aapanel as one of the healthiest building materials ever used.

Our panels represent a great choice especially for dwellings, public places where children can reside, but also for people with allergies or weak immune system.



Gallery :



Scan to view more of our projects.



Mounting video : https://www.youtube.com/watch?v=D8VWz1YYVXo&t=1s&ab_channel=APKArtPanel





Introduction

If you are building a new house or just fully/partially renovating your old one, Aapanel panels are a great choice!

They provide an effective and elegant finish for the walls and ceilings of your entire house. Being easy to install, you can achieve professional results in record time.

Our panels come in a wide range of colors, sizes, and patterns, thus you will surely find something suitable for your own taste and desire.

Aapanel panels are made out of MDF, with a 10mm width. They are merged together with tongue and groove joints, and are painted mechanically. The panels are applied on wooden or metal studs (structures also used for drywall), screwed with staples, nails, or glued with silicone adhesive or foam .

Please browse through our catalog to find out all the details and find inspiration!

About us



APK Art Panel is a Romanian family-owned business with *over 20 years* of experience in the wood industry, accumulated in *Romania, Italy and Norway*.

Our experience and our passion for wood drove us to bring to the European market a unique product, both in terms of durability and aesthetic features. Our high quality materials and very skilled staff represent the key to our success.



Why AAPANEL



Made in Romania

Our headquarters is located in Suceava County.



Simple Mounting

It does not require experience in the field of finishes, but only following instructions and a few common tools.



Lack of cracks

The panels have a zero risk of cracks.



Multiple styles

The panels can be laid horizontally or vertically. You can merge panels of different sizes and colors.



Durable

The surface of the panels is coated with four layers of ecological acrylic paint .



Low-maintenance

Easy to clean with a damp cloth.



Quick assembly

An ideal choice to finish the interior in record time.



Easy to transport

They are packed as to be secured and easy to handle by one person .



Recyclable product

They have ecological properties similar to those of wood .



Sustainable

Products made out of natural resources, without leading to their depletion or the degradation of the environment. The panels have a service life of **over 50 years** .

General information



AAPANEL panels are manufactured in Romania by **APK Art Panel S.R.L.**

The panels are produced from *high-quality feedstock*. The panels are made of wood fibers that are heated and pressed together through a wet process, resulting their transformation into panels .



In order to provide durability, but also a *fast and easy cleaning process*, four layers of *ecological acrylic paint* are applied to the panels' surface .

There is the possibility of *repainting* the panels, which can be carried out with a brush, a roller, and/or a painting gun .

The panels have a *D-s2,d0 fire resistance class*, while the covering paint has a *B-s1,d0 fire resistance class* .



Moreover, they have a high impact resistance. They can be used as a support for hanging decorative elements (shelves, paintings, etc.) but also lighting appliances.



AAPANEL wall and ceiling panels can be used in any *type of rooms*, including humid rooms such as bathrooms and kitchens, as long as they are well-ventilated and the panels are not exposed to a direct source of moisture .

They can be mounted in rooms that have a *variable temperatures* .

The panels can be used for *finishing interiors*, but also as components of accent walls or ceilings.

They feature a tongue and groove joint on two or four edges. The groove offers a generous space for securing the panels, and then it gets covered by the tongue of the next tile.

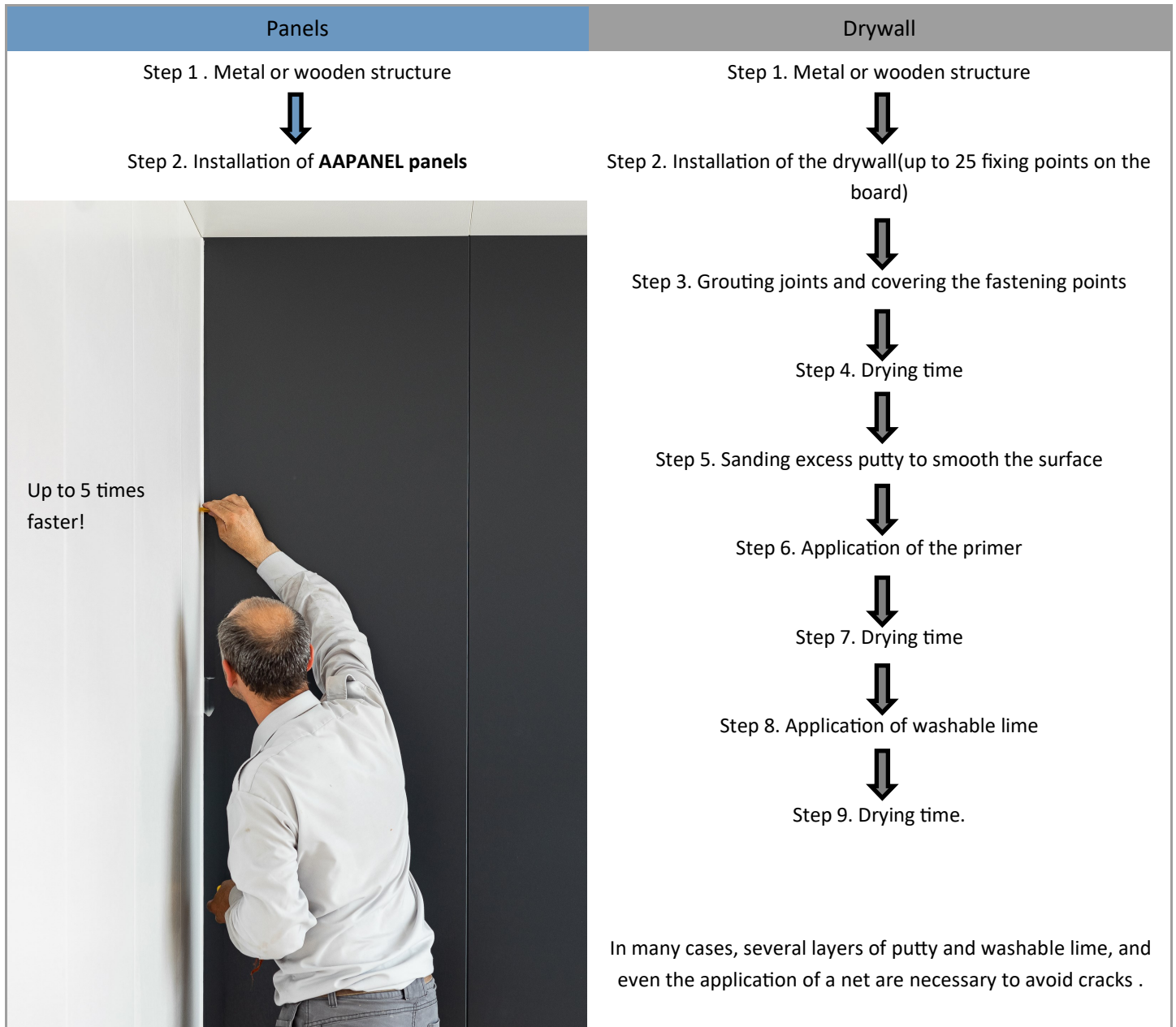


AAPANEL panels are products that create and maintain a healthy environment.

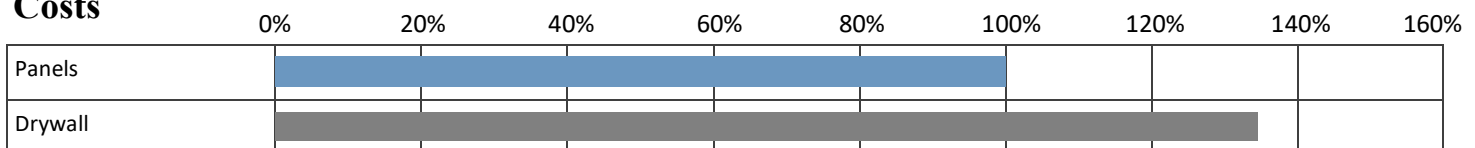
They are chemically inert products that *do not develop exterior odors* in contact with the sun, heat, humidity etc .

AAPANEL vs drywall

Execution time



Costs



A great advantage of the panels is given by the simple assembly, which does not require beforehand experience.

Hardworking hands, increased attention and mounting instructions are all the things you need to finish your interior by yourself, using AAPANEL panels!

AAPANEL Standard

The entire process of finishing and painting of the **AAPANEL** panels is carried out in our factory. Thus, on site a quick finish is obtained, with little waste and dust.

The **AAPANEL Standard** panels are easy to use, with a tongue and groove jointing on all 4 sides .

Scan here to see the product

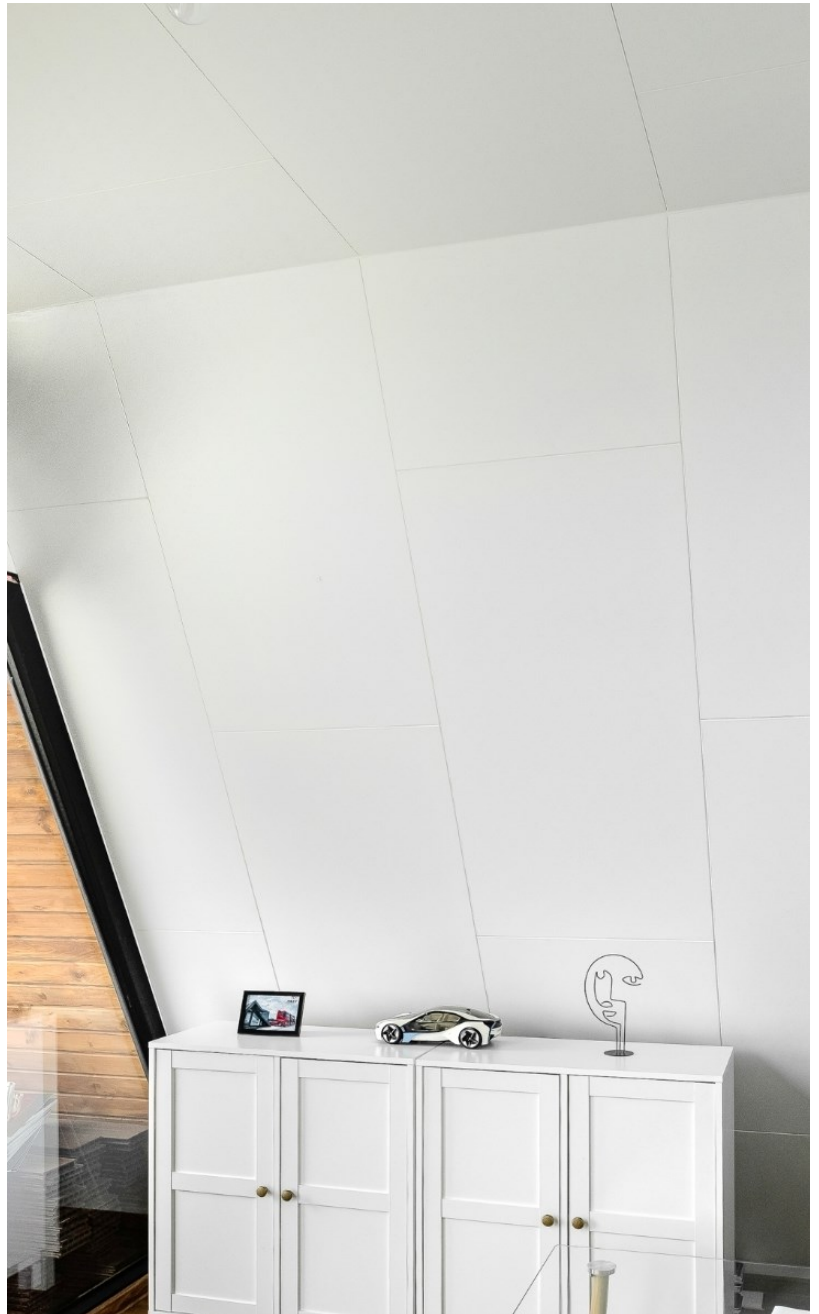


AAPANEL Standard

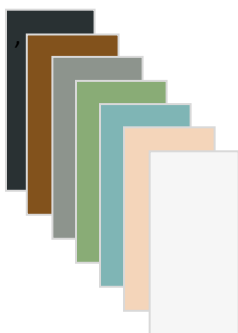
Net size mm : 10 x 600 x 1200

Gross size mm : 10 x 620 x 1220

* ordering: the net size must be considered when calculating the necessary panels.



Live in a perfect harmony!



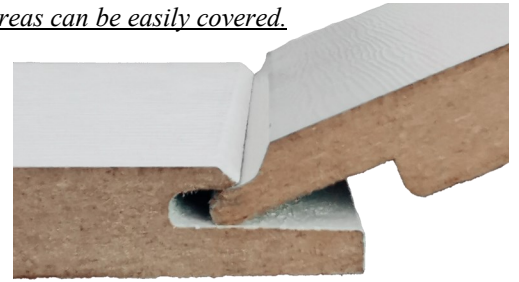
APK Art Panel gives you the freedom to customize your walls and ceiling to your liking.

Standard colors - RAL 9016 - Traffic White , RAL 1015 - Light Ivory , RAL 6034 - Pastel Turquoise , RAL 6021 - Pale Green , RAL 7042 - Traffic Grey A , RAL 1019 Grey Beige , RAL 7016 - Anthracite Grey

AAPANEL Plus

The joint on the ends of the panels is carried out with a V-parting, which gives a neat appearance. Thanks to this, large areas can be easily covered.

AAPANEL panels can be applied horizontally or vertically to the wall. Installation of the panels on inclined ceilings is recommended to be started from the top. As such, leakage of water or condensation into the jointing can be prevented .



AAPANEL Plus



Net size mm : 10 x 320 x 2050

Gross size mm : 10 x 340 x 2070

Milling : 4 ends

Net size mm : 10 x 320 x 2400

Gross size mm : 10 x 340 x 2420

Milling : 4 ends

Net size mm : 10 x 320 x 2600

Gross size mm : 10 x 340 x 2600

Milling : 2 ends

Net size mm : 10 x 320 x 2800

Gross size mm : 10 x 340 x 2800

Milling : 2 ends

* ordering: the net size must be considered when calculating the necessary panels .

Scan here to see the product

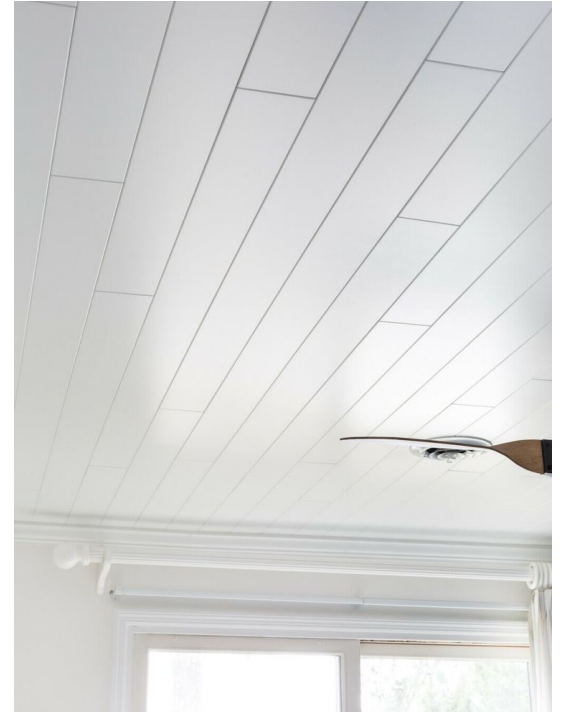


Standard colors - RAL 9016 - Traffic White , RAL 1015 - Light Ivory , RAL 6034 - Pastel Turquoise , RAL 6021 - Pale Green , RAL 7042 - Traffic Grey A , RAL 1019 Grey Beige , RAL 7016 - Anthracite Grey

AAPANEL Long

1 2 3

Your room is ready, elegant
and stylish



Scan here to see the
product



AAPANEL Long

Net size mm : 10 x 150 x 2400

Gross size mm : 10 x 170 x 2420

◆ Milled on 4 ends

AAPANEL Long

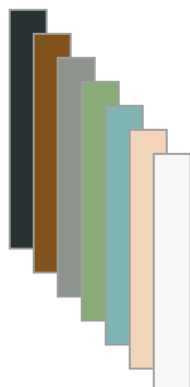
Net size mm : 10 x 150 x 2800

Gross size mm : 10 x 170 x 2800

◆ Milled on 2 ends

* ordering: the net size must be considered when calculating the necessary panels.

Standard
colors:



RAL 9016 - Traffic White ,
RAL 1015 - Light Ivory ,
RAL 6034 - Pastel Turquoise ,
RAL 6021 - Pale Green ,
RAL 7042 - Traffic Grey A ,
RAL 1019 Grey Beige ,
RAL 7016 - Anthracite Grey

AAPANEL Big

AAPANEL Big

Net size mm : 10 x 600 x 2400

Gross size mm : 10 x 600 x 2420

◆ Milled on 4 ends

AAPANEL Big

Net size mm : 10 x 600 x 2600

Gross size mm : 10 x 600 x 2600

◆ Milled on 2 ends

AAPANEL Big

Net size mm : 10 x 600 x 2800

Gross size mm : 10 x 600 x 2800

◆ Milled on 2 ends

* ordering: the net size must be considered when calculating the necessary panels

The surface of the panels can be smooth
or with wood streak pattern



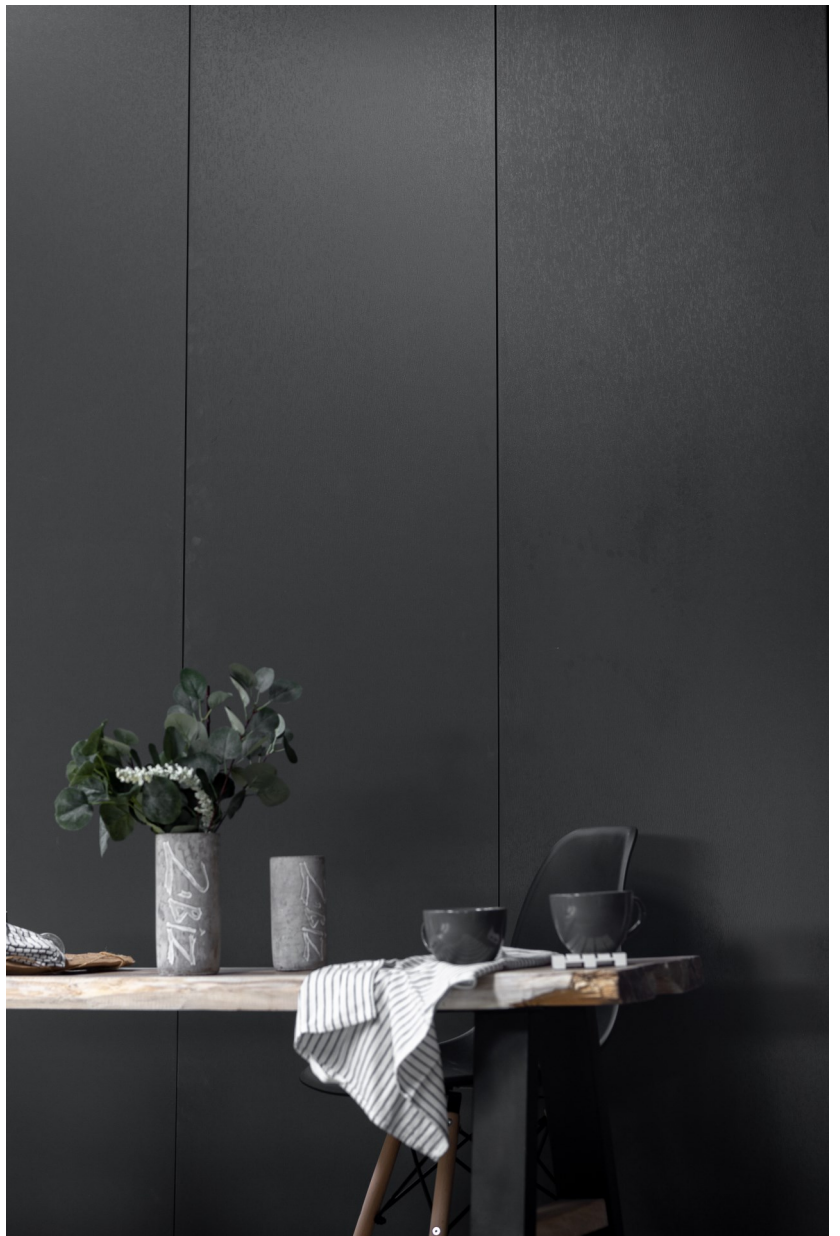
Scan here so you can
see the product



AAPANEL panels are milled with a tongue and groove joint, that has a V-shape parting

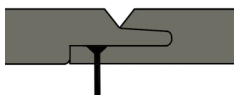
The joining of the panels is simple and elegant, and therefore, their installation can be executed by people without any experience in this field.

Be smart and build differently.



Accessories

	Staples pneumatic gun 5.7 x 20 mm—set 1000 buc Recommended for fixing panels on wooden structure, OSB.
	Self-drilling screw – Aapanel Thickness: 3.9 mm, Length: 19 mm With head type drowned, galvanized. It is recommended for fixing the panels on metal structure/drywall structure.
	Flexible corner 22 x 22 mm, 2.6 m. Flexible corner that can be used both on the outer and inner corners, regardless of the degree of its opening or closing. Comes painted in any shade .
	Lower and outer corner Pine corner. For 90 degrees corners. Comes painted in any shade .
	Paint for retouching 50 ml bottle of paint to cover a nail, staple or screw in an inappropriate place. Bottle of paint for any standard shade and not only.
	Paint for décor elements 1 litre paint box for painting cornices, corners, plinths in the shade of the wall. Box of paint for any standard shade and not only
	Silicone adhesive At the corners, the last panel is fixed by using silicone-type glue. In this case, it will no longer be necessary to fix it with nails, staples or screws. If there is any foil behind it, then it is recommended to fix it with nails. The panels can be glued to concrete walls or masonry (see on the installation instructions)
	Acrylic Silicone If corners are not used for the inner corners(wall intersections), they can be sealed with acrylic silicone. One tube is enough to cover 20ml with a dilation joint of 3 x 3 mm. Available in several colors.



AAPANEL panels, prepainted, have grooves and tongues to cover the nails, staples or self-tapping screws. It is not necessary to glue the joints of the panels.

The recommended distance between nails, staples or self-tapping screws is 150mm



AAPANEL panels are a natural product, made of wood fibers .

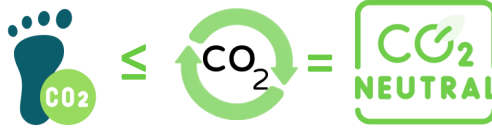
APK ART PANEL assumes no liability for differences in shade arising as a result of purchases made at long intervals of time, from different batches.

The advantages of AAPANEL panels

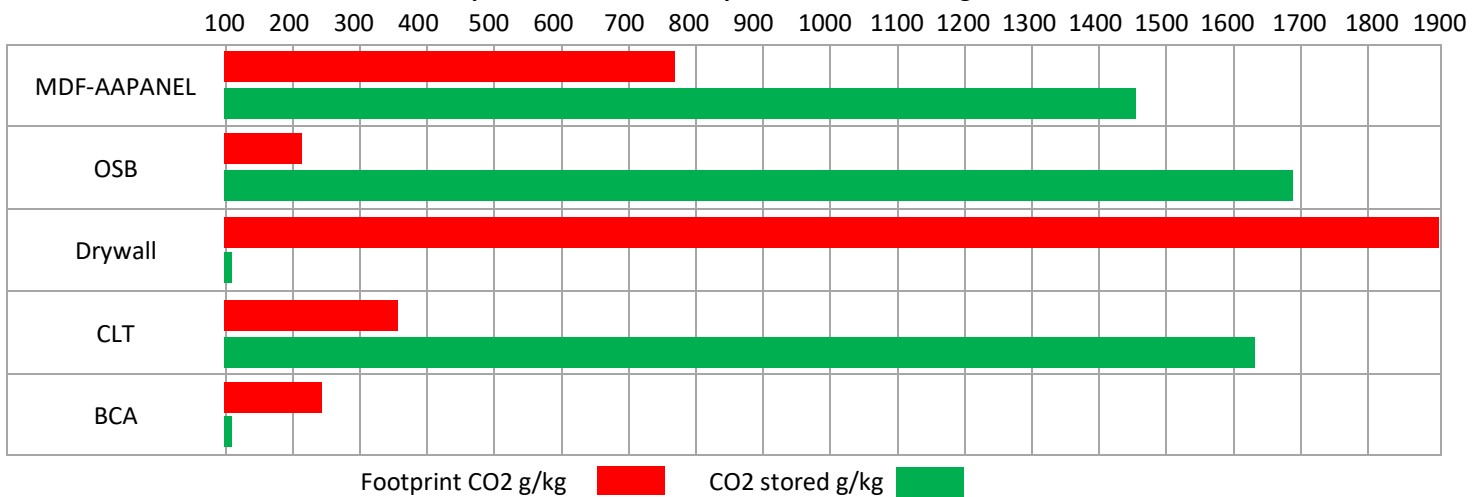


ECO friendly

The carbon content of MDF is higher than the carbon emission generated in its manufacture. Due to this, it is classified as an eco-friendly product, neutral in terms of materials that favor climate change.



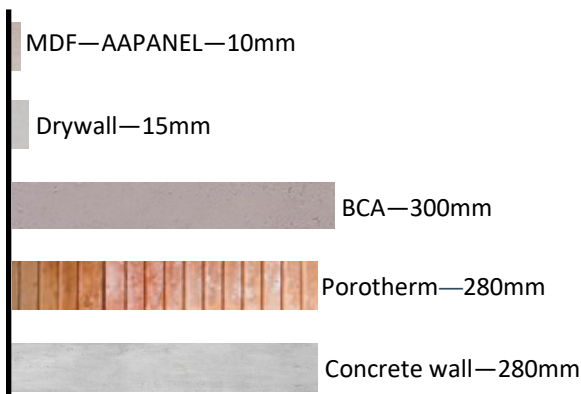
Carbon footprint and carbon absorption of some building materials.



Sound Insulation

Sound insulation index R_w (dB)

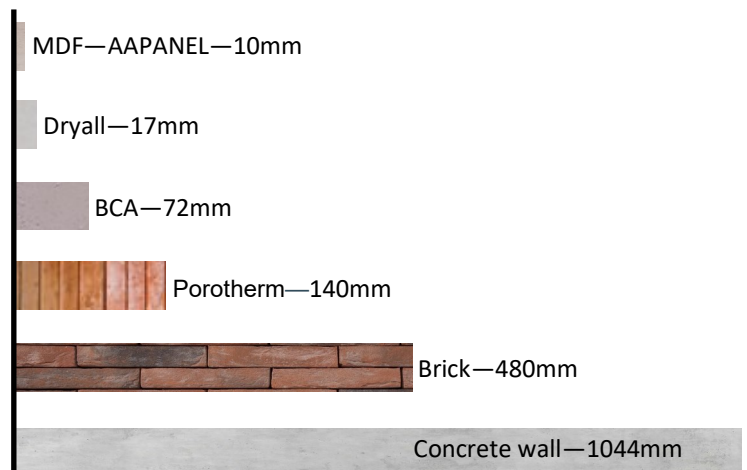
AAPANEL panels (10mm) soundproofs 46 dB, as much as a 15mm drywall would, a 300mm BCA wall, a 280mm Porotherm wall or a 280mm reinforced concrete wall.



Thermal coefficient

Thermal conductivity AAPANEL - 0,15 W (m·K)

AAPANEL panels (10mm) have the same thermal coefficient as a 17mm drywall would, a 72mm BCA wall, a 140mm Porotherm wall, a 480mm solid brick wall or a 1044mm thick concrete wall.

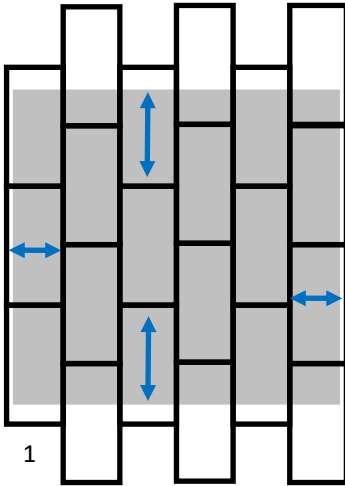


We are the sole supplier of wood fiber panels that transform your home from a construction site into a home ready to live in a record time !

Mounting

AAPANEL panels can be used in any room that meets the humidity requirements of a living space. Usually the humidity limit is max 65%. If the Aapanel panels shall be mounted in a basement, it is important to carefully check the support sleepers and that the insulation does not contain moisture. It is also recommended that the outer walls be accordingly insulated .

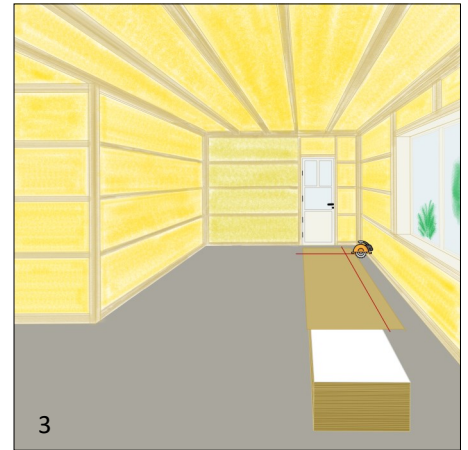
Mounting the panels on the ceiling (AAPANEL Standard)



1. This drawing illustrates the best solution to design the laying of the panels on the ceiling or wall. This way you can calculate the number of panels that are needed. The distance between the panels and the wall/ fixed elements should be 7-10 cm



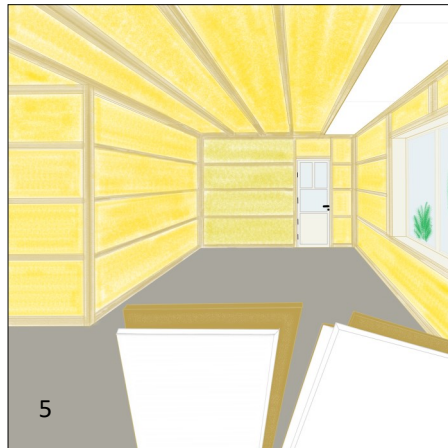
2. The applying of the panels occurs on longitudinal studs with a distance of about 60 cm. When applying narrower panels, the distance of the studs should match the width of those panels .



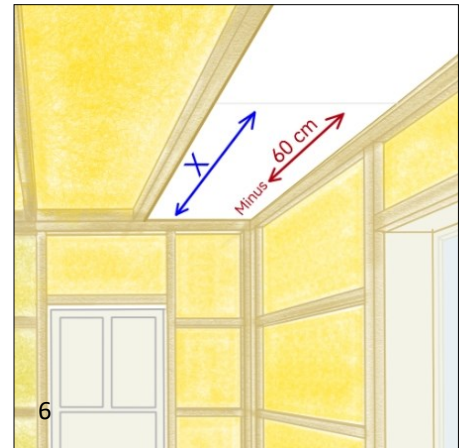
3. The first panel should be cut to the width or length of your drawing (img example. 1.) The cutting of the panel with a circular saw should be carried out with the painted part down. In the case of a table saw the cut must be executed with the painted part upwards.



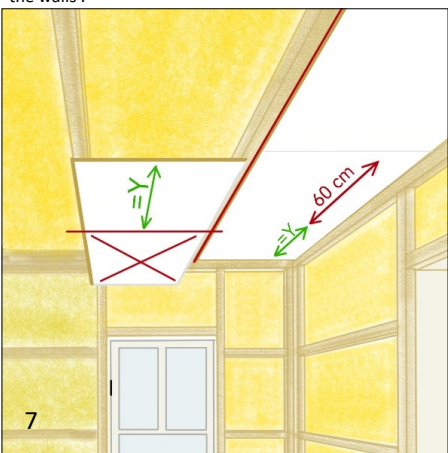
4. The first row must be aligned with a cord . The distance between the staples/nails/self-tapping is about 15 cm. PS: The panels are mounted at 10mm from all the walls .



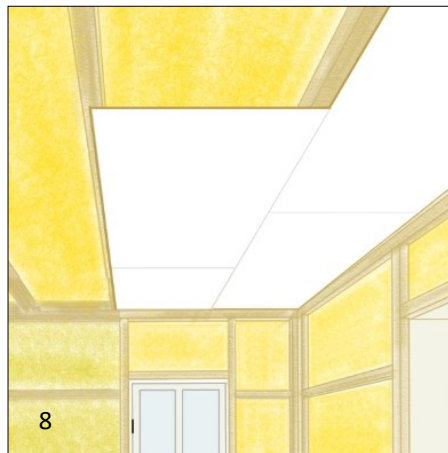
5. No bonding is required when joining.



6. . To find the length of the first panel on the second row, you need to measure the first panel minus 60cm (if the panels come mounted brick style as in img. 1)

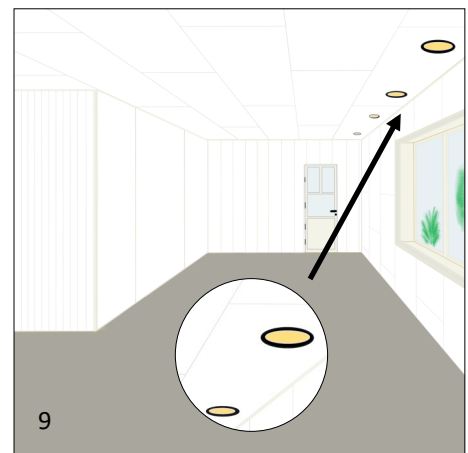


7. After measuring, it is marked and cut with a circular saw with the painted part down .



8. The next rows of panels will be mounted the same way

Thus, the ceiling will be ready in record time .

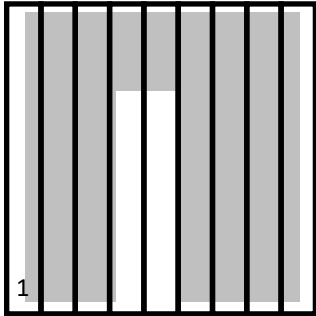


9. Ceiling panels can be used as support for lighting elements. We offer a diverse range of panels and colors.

Mounting

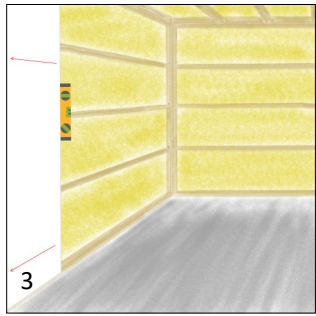
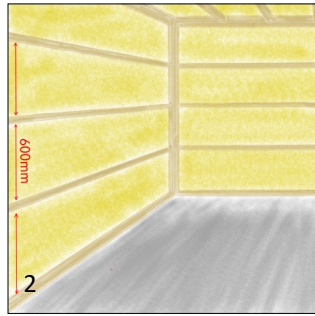
Before applying the AAPANEL panels it is recommended that the interior works such as bricklaying, plastering or sanding be completed or dried. The panels must be brought 48 hours in advance to the room where they are to be mounted, in the original packaging, for acclimatization. The AAPANEL panel may undergo a dimensional change of approx. 0.15% (1.2 mm/m) when the relative humidity changes from 30% to 65 %.

Vertical installation of panels on the wall .



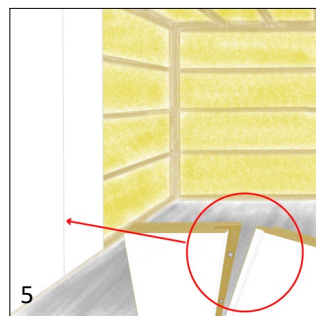
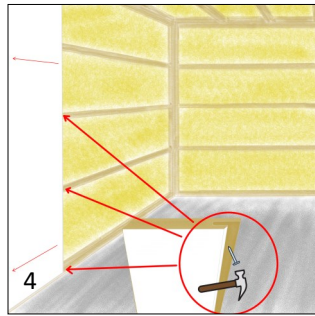
1. The panels should be centered on the middle of the wall, the first and last of them having the same width.

2. The studs are mounted horizontally with a distance of about 600mm



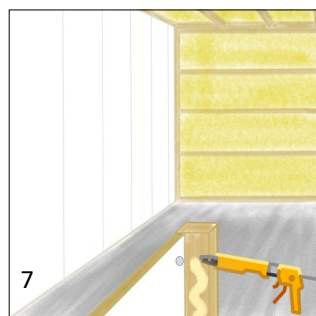
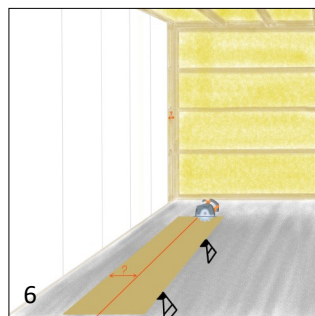
3. The first panel must be adjusted with a bubble level or a laser. Leave a dilatation space of approx. 10 mm from the ceiling and floor .

4. It is fixed in the tongue with two nails / staples on each stud separately .

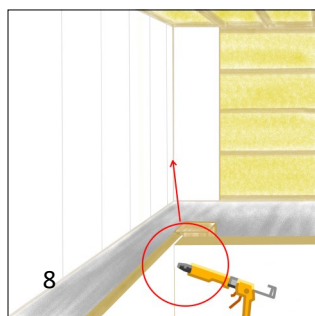


5. The panels merge with the tongue and groove system, thus covering the joining point .

6. Continue with the following panels. The latter is cut with the painted part down, with the circular saw or with the painted side up with a table saw .

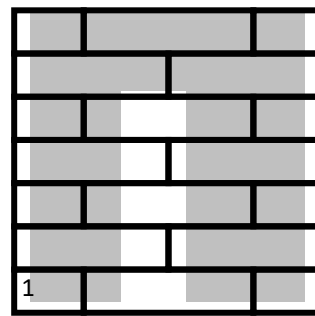


7. The first panel on the next wall is glued with silicone type glue .



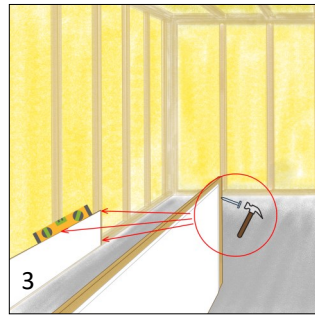
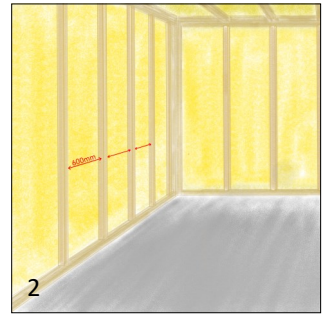
8. In the corner leave a minimum of 3mm dilatation, which is covered with acrylic silicone or a corner .

Horizontal installation of panels on the wall .



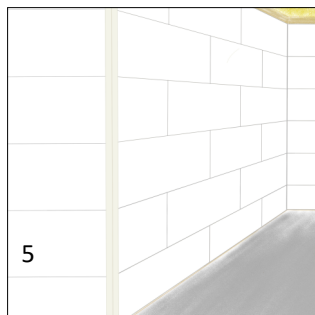
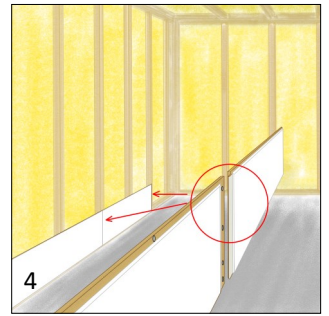
1. The panels should be centered on the middle of the wall, the first and last of them having the same width and length .

2. The studs are mounted vertically with a distance of about 600mm .



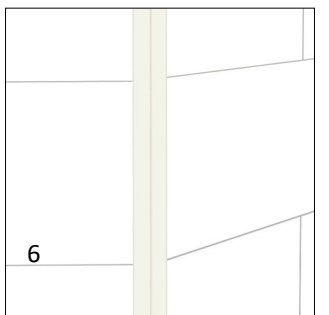
3. The first panel must be adjusted with the bubble level or laser. Leave a dilatation space of approx. 10 mm from the ceiling and wall. It is fixed in the tongue with two nails / staples on each stud.

4. On the end, where the stud is, the nails are places with a distance of min. of 150mm



5. On the end, where the stud is, the nails are places with a distance of min. of 150mm.

6. On the external corners apply a corner to finish the corner .



APK Art Panel assures you of the thorough control of the finished products, carried out by certified personnel, which ensures the quality of our products. Our factory is equipped with machines certified in the European Union. By testing our products, you can convince yourself of the high quality and pleasant design offered by **APK Art Panel**.

Any complaints can be made at the time of reception, subsequent complaints will not be taken into account.

APK Art Panel assumes no liability for any typographical errors .



SC. APK Art Panel S.R.L.

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