SFIBRAL

Interior wall cladding

Panels & systems

FIRE RESISTANT
A2-S1, D0

IMPACT RESISTANT

CHEMICAL RESISTANT

EASY TO CLEAN

The right solution for every industry

www.sfibral.com

The right interior wall solution for every industry

SFIBRAL offers a premier solution for interior wall cladding. Our fiber cement panels are of premium quality, and their surface is produced through a unique process that guarantees exceptional durability, scratch resistance, and ease of cleaning. These panels meet the current A2 fire protection requirements and are ideal for use in highly demanding environments such as hospitals, schools, other public spaces and the food industry. SFIBRAL offers a wide range of decors and large panel sizes, granting excellent options for modern interior solutions.

Our panels are manufactured in Germany with a steadfast commitment to superior quality standards, guaranteeing exceptional workmanship and longevity. For those with an unwavering aspiration for excellence in their interior design undertakings, SFIBRAL serves as the ultimate solution.

FIRE RESISTANT
A2-S1, D0

IMPACT RESISTANT

SCRATCH RESISTANT

CLEANER RESISTANT

FAST INSTALLATION

HUMIDITY RESISTANT

TEMPERATURE RESISTANT

NON-ASBESTOS

SFIBRAL interior wall panels

The right product for every industry

Healthcare sector

Hospitals, clinics, laboratories, retirement homes, pharmaceutical facilities, operating rooms...

Educational establishments

Schools, auditoriums, sports halls, conference halls...

Public buildings and facilities

Airports, bus and train stations, community centers, libraries, courts, information centers, government buildings...

Food industry

Food and beverage industry, meat, poultry, fish, fruit and vegetable processing facilities, grain mills, bakeries...

Hotel & food service industry (HORECA)

Hotels, restaurants, cafes, bars, clubs, food trucks...

Specialized environments

Wet rooms, clean rooms...

Entertainment industry

Concert halls, museums, stadiums, fitness and sports facilities, cinemas, theatres, shopping complexes, and stores...

Business & industry

Office buildings, factories, administrative facilities, warehouses, logistic centers...

Interior finish and cabinetry

Private houses with special requirements, cabinetry...

Marine interior

Cabins, shops, restaurants, kitchens, bathrooms, harbor buildings...

Panels

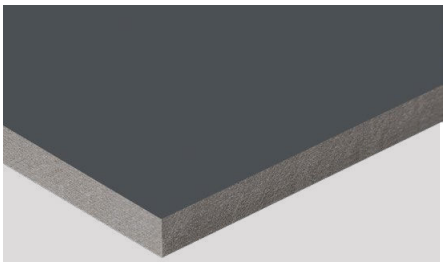
SFIBRAL Gama

SFIBRAL Gama panel boasts high density (1900 kg/m³) and features micro laminate on both sides. It demonstrates exceptional durability, stability, and resistance to abrasion and regular cleaning.

The EGGER collection has a variety of decorative options, while the base panel is available in two universal color options: anthracite and ivory white.

These panels are frequently employed as ram protection for the interior cladding of numerous facilities, including hospitals, airports, schools, sports centers, wet rooms, food industry, and more.

SFIBRAL Gama panels have been certified as **A2-s1, d0** and are non-combustible, providing maximum safety for any facility.



SFIBRAL Skala

SFIBRAL Skala is a highly durable and stable mineral panel with a high density of 1900 kg/m3 and a special ceramic coating. Its noble surface is incredibly resistant to abrasion and cleaning agents.

The **SFIBRAL Skala** collection provides various decorative options, including RAL or NCS color chart choices. Digital print options are also available upon request. The base panel comes in two colors: anthracite and ivory white.

The panels are commonly used in hospitals, operating rooms, airports, schools, sports centers, the food industry, and wet rooms.

SFIBRAL Skala panels are non-combustible and have been certified as **A2-s1, d0**, thereby providing maximum safety for any facility.

SFIBRAL Ligno

SFIBRAL Ligno is a highly dense (1900 kg/m³) panel with a natural wood veneer as a decorative feature.

With a wide variety of natural wood veneers to choose from, you can find the perfect style to suit your taste. The base panel is available in two color choices: anthracite and ivory white.

These versatile panels are ideal for interior cladding in numerous settings, such as hospitals, airports, schools, sports centers, public buildings, and more, to create cosyness of real wood wall cladding.

SFIBRAL Ligno panels are non-combustible and have been certified as **A2-s1, d0**, ensuring they meet stringent fire safety standards.

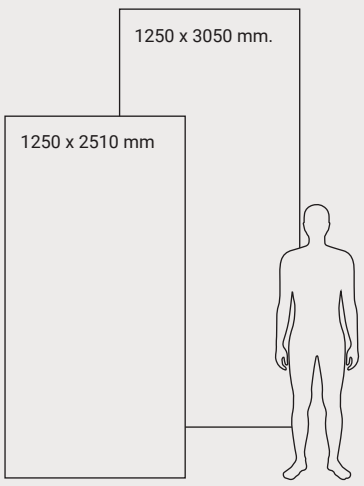

Užsuk
savo
Optika
PELEDA

The differences between SFIBRAL wall panel surfaces

SFIBRAL's interior panels are composed of fiber cement core and undergo a distinctive surface production process, rendering them robust, enduring, and low maintenance. Therefore, they are suitable for even the most demanding conditions.

	SFIBRAL Gama	SFIBRAL Skala	SFIBRAL Ligno
Fire resistant A2-S1, D0	✓	✓	✓
Scratch resistant EN 438-2:2016 ISO 4586-2.14	✓	✓	–
Impact resistant / Brinell hardness EN ISO 650-1	✓	✓	–
Frost and heat resistant From +80°C to -20°C	✓	✓	–
Cleaning and Chemical resistant ISO 19712 EN ISO 12720:1997	✓	✓	–
Adhesive installation	✓	✓	✓
Mechanical visible installation	✓	✓	✓
Mechanical hiden installation	✓	✓	✓
Food grade applications	✓	✓	–
Suitable for ram protection	✓	✓	–
Easy to install / Easy to clean	✓	✓	✓
Abrasion resistant EN 13310-2003	✓	✓	–

Standard sizes (trimmed)



Thickness

SFIBRAL
wall cladding
systems

SFIBRAL Medi

Partial wall cladding

Half wall impact protection system **SFIFRAL Medi** is designed to protect walls from damage caused by carts, gurneys, and other equipment traveling the halls of hospitals or public places like shopping centers and others. They are made of durable materials with high impact resistance. The system can be used in conjunction with crash rails to provide additional protection against damage caused by carts and other equipment.

The system can be chosen in different standard heights depending on requirements - from 750 mm to 2150 mm (door height).

It always uses **SFIBRAL** panels of 7mm thickness.

Available heights

750 mm / 830 mm / 1000 mm / 1250 mm / 2150 mm

SFIBRAL Maxi

Full wall cladding

There are several reasons why people install full interior wall system **SFIBRAL Maxi**. It can be used to conceal uneven or unattractive surfaces and provide a durable wall covering in high-traffic areas such as hallways and staircases or where high requirements to surfaces about chemical resistance and fire safety. **SFIBRAL Maxi** wall system is an excellent way of concealing things like pipe work or electrical wiring. They are also easy to install.

Covering the full wall from the floor to the ceiling also alows to have a homogenous design of interior walls.

The system **SFIBRAL Maxi** is usually installed using **SFIBRAL** panels of 7 mm thickness in full wall heiht and a width of 600 mm.

Installation

Installation methods

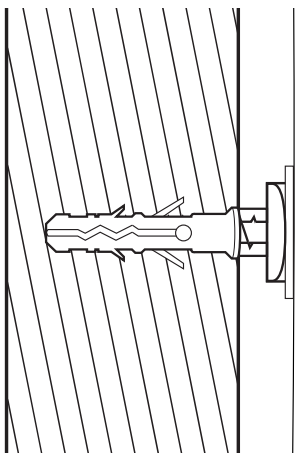
Choosing the right installation method for your interior panels is crucial for ensuring their longevity and durability. It can be difficult to know which method is best suited for your project. On this page, we will explore the various fixing methods available and provide you with the information you need to make an informed decision.

Description/ product	2.5 mm	4 mm	7 mm	9 mm
Adhesive installation	**X**	**X**	**X**	
Product suitable for correction of wall			**X**	**X**
Visible/Hidden installation			**X**	**X**
Invisible mechanical installation			**X**	**X**

Visible/hidden

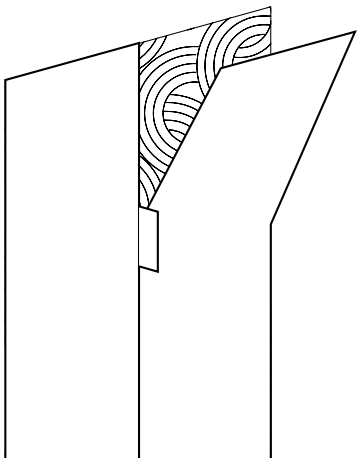
Visible/hidden installation means a mechanical installation with screws.

The opening for the screw is however deepened and the opening is closed with a little cap made of the same material.



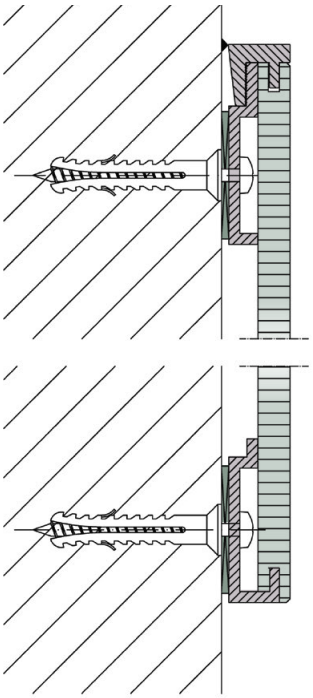
Adhesive

Adhesive installation is done by applying the **SFIBRAL A2** adhesive (or other suitable adhesive) on the back side of the panels and bonding it directly on the wall. In this case it must be secured that the wall is completely flat, dry and clean. It is recommended to leave a small gap (1-2mm) between the panels and chamfer the edges of the panels. Then fill the gap with a suitable filler.



Invisible mechanical

This is the most sophisticated method of installation as all the system is completely hidden behind the panels. The system is also the most easy to install. It also allows to replace panels if needed.

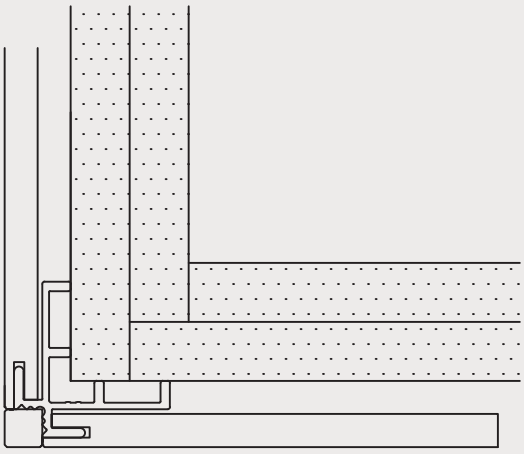


Corner solutions with metal corner profiles

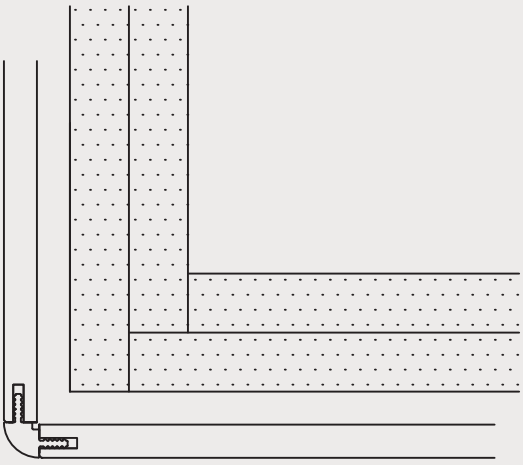
Metal corner profiles are usually used in case the project needs a high corner protection against physical impact. They also are needed when using the hidden mechanical installation systems **SFIBRAL Medi** and **SFIBRAL Maxi**.

The metal corner profiles allow an easy cleaning of the corners and offer a highly esthetic result. Thease profiles come in various aluminum or stainless steel and can be blanc, anodized or powder coated in various colors.

Rectangular square profile (stainless steel)

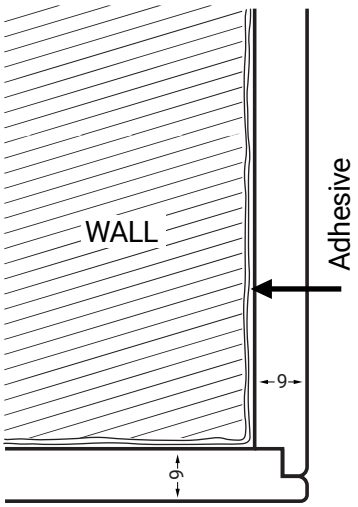


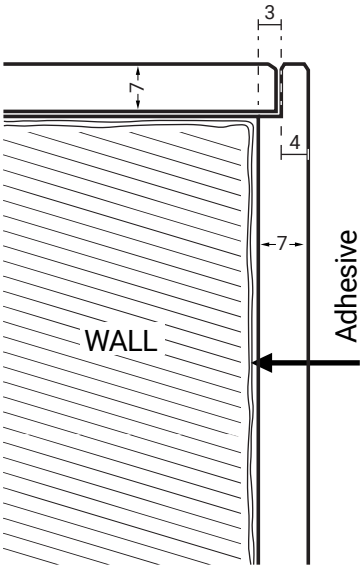
Rounded corner profile (aluminum)

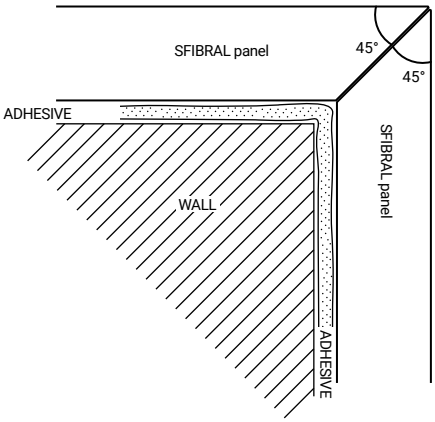


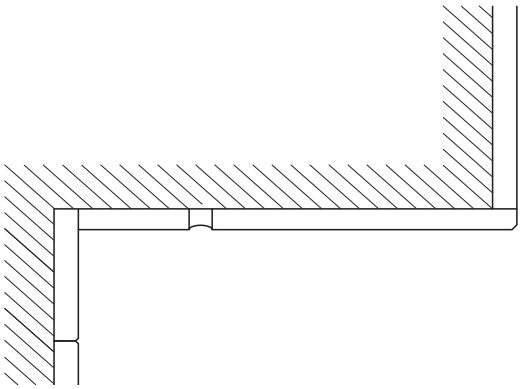
Corner solutions without extra corner profiles

Choosing the right edge for your interior panel is important because it can affect the overall look and feel of your space. There are many different types of edge finishes available. The right edge finish can help to create a clean and polished look that complements the design.

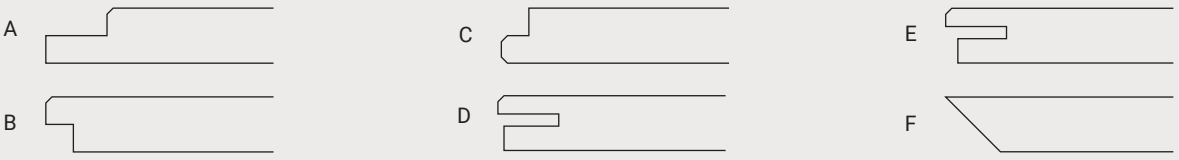








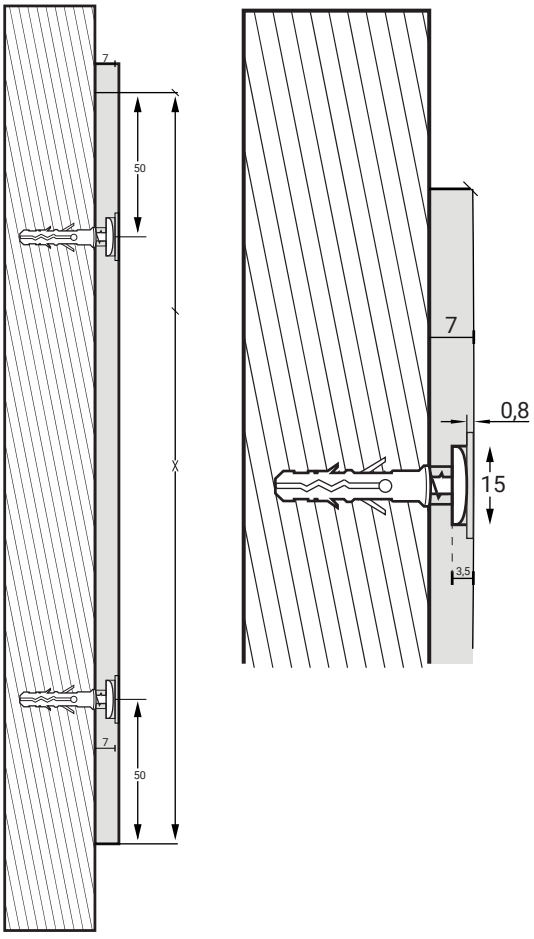
Edges examples



Visible/hidden installation

This installation method allows to install the panels mechanically with srews or rivets directly to the substrate or the substructure behind it. Later on the deepened openings with screws are covered with little caps made of the same panel with same decor. So, the points of screws are hardly visible.

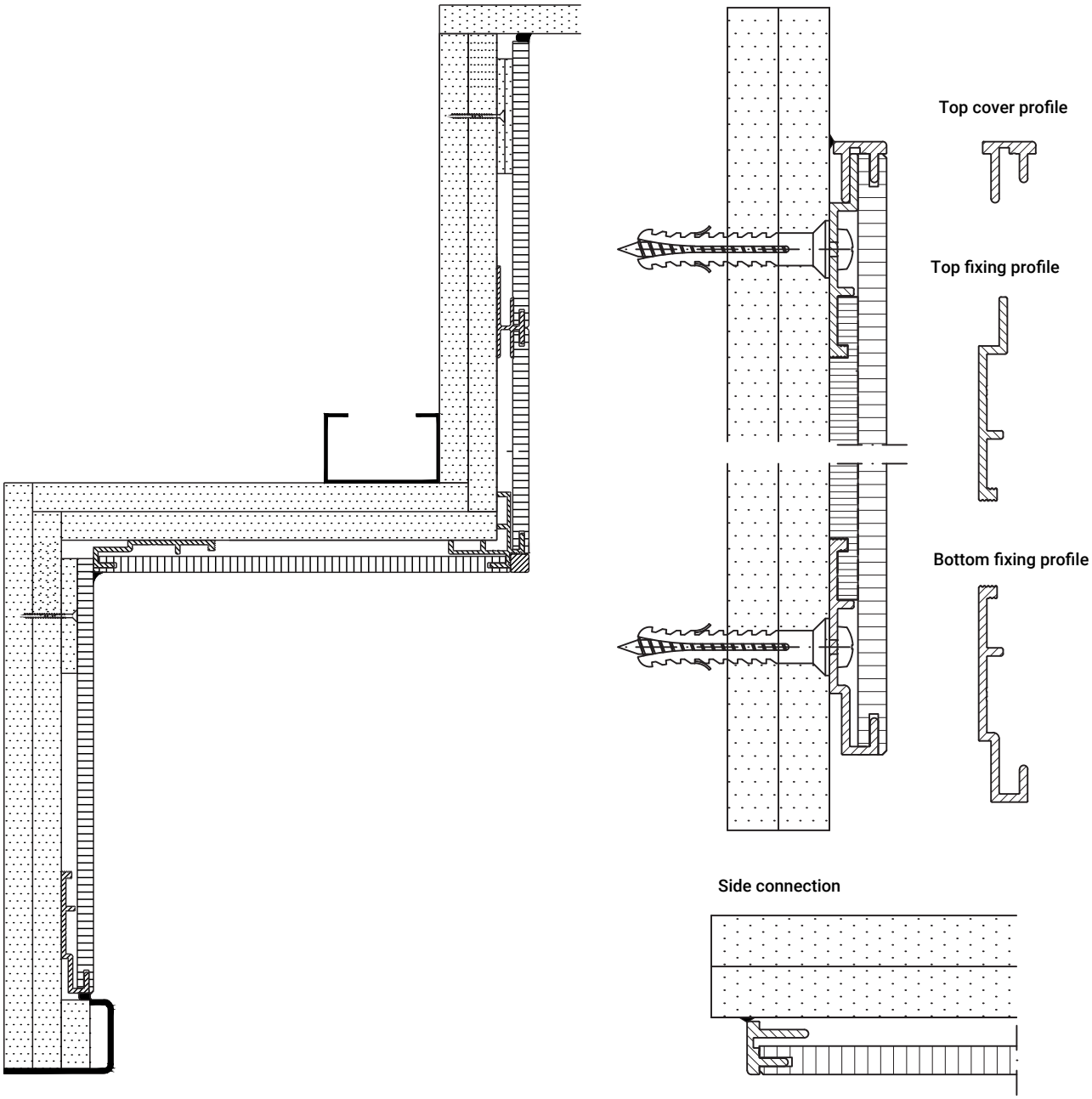
The openings for the screws can be prepared in the production site. They can, however, be drilled also on site.



Invisible mechanical installation

This is the most sophisticated method of installation as all the system is completely hidden behind the panels. The system is also the most easy to install. It also allows you to replace panels if needed.

Using this system, the customer gets all panels cut to needed sizes, completely prepared for installation, with all installation profiles, screws etc. The installation is the extremely easy and fast.



Adhesive installation

Adhesive installation is something what can easilly be done on site by skilled workers. There are two methods of adhesive installation.

The first one is using the **SFIBRAL A2** adhesive. This is exactly the same as installing tiles - the A2 adhesive is applied on full panel back side surface and the panel is pressed to the wall.

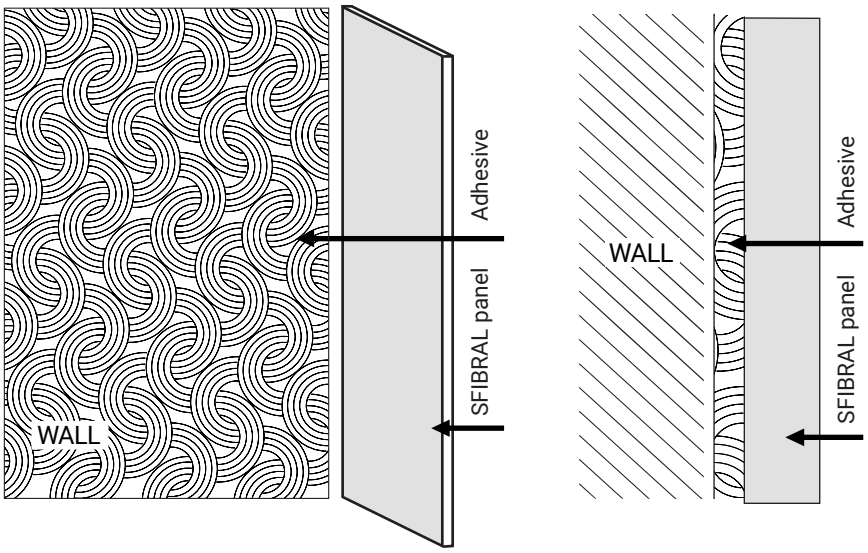
The second one is using universal adhesives. In this case the adhesive is applied on the panel pack side stripe wise and the panel is pressed to the wall.

In both cases it is recommended to leave a little gap between the panels and chamfer panel edges. Afterwards the joint hast to be filled with a suitable filler.

Using SFIBRAL A2 adhesive

Step 1. Apply the adhesive on the wall

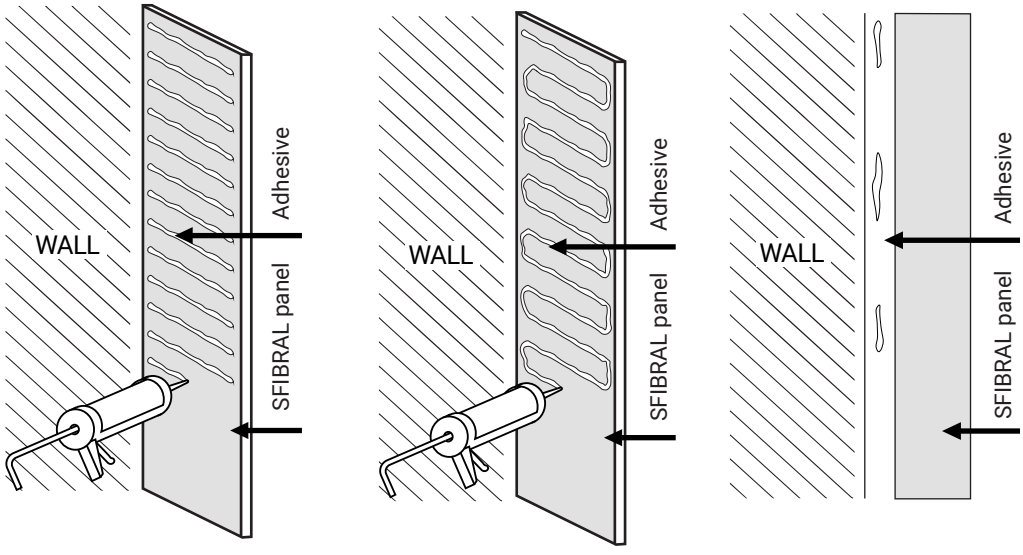
Step 2. Attach the panel to the wall



Using universal adhesive

Step 1. Apply the adhesive on the panel

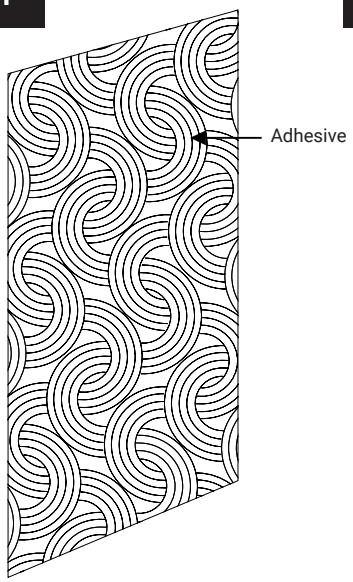
Step 2. Attach the panel to the wall



Filler application in the joints between panels

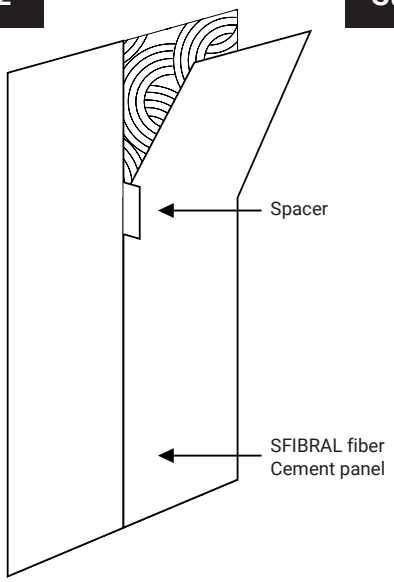
To apply a filler between two panels, you will need first to clean the area between the two panels. Then, apply the filler using a putty knife or other similar tool. Be sure to apply enough filler to fill the gap between the two panels. Once the filler has been applied, allow it to dry completely before removing the masking tape to secure a clean and smooth finish.

Step 1



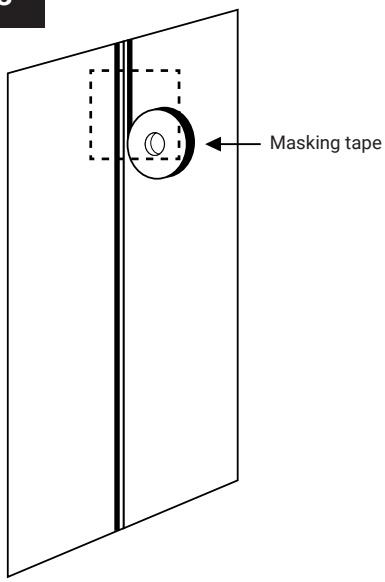
Apply the adhesive on the wall

Step 2



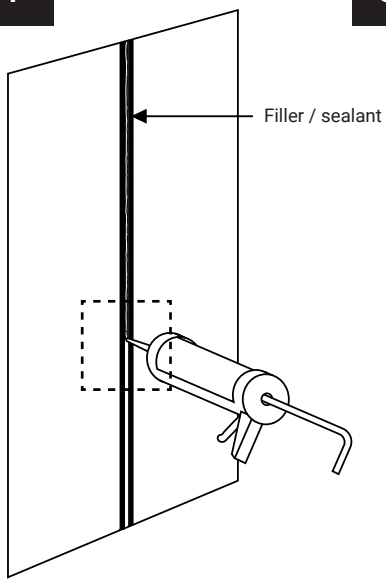
Attach the panel to the wall

Step 3



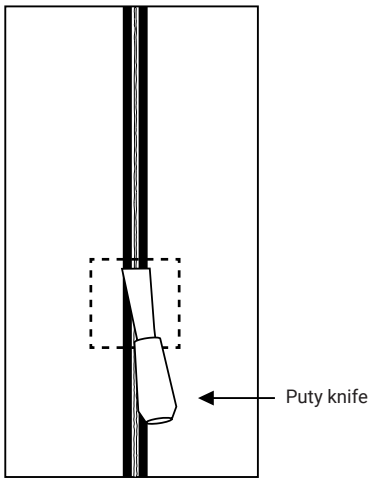
Use masking tape of the joint to protect the panels

Step 4



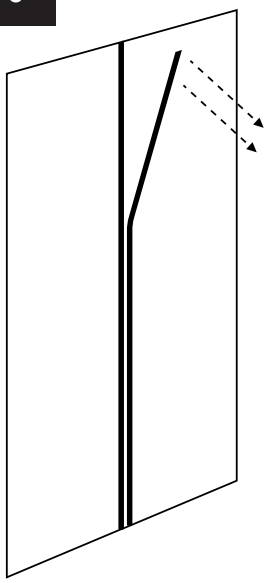
Apply the filler

Step 5



Use putty knife to remove the excess of the filler

Step 6



Remove the masking tape


c5.064

Colors / Decors

Decors

SFIBRAL interior wall cladding panels **SFIBRAL Gama**, **SFIBRAL Skala** and **SFIBRAL Ligno** not only show excellent mechanical properties but also give a wide variety of decors for customer's choice.

SFIBRAL Gama can have any decor from the actual **EGGER** laminate collection.

SFIBRAL Skala can be made with almost any color from the **RAL** or **NCS** color chart. It also can be made with an individual digital print decor.

SFIBRAL Ligno has a natural wood veneer on top. The customer can choose from our veneers shown below but also can choose other available veneers.

SFIBRAL Gama

Any decor from EGGER collection

www.egger.com

SFIBRAL Skala

All RAL or NCS colors are possible.
Digital print is available on request.

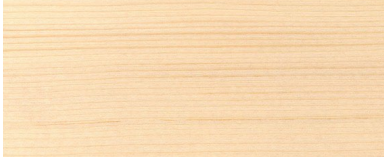
SFIBRAL Ligno

Natural wood veneers could variate from printed ones.


Oak


Smoked oak


Beech


Spruce


Fir


Larch


Walnut

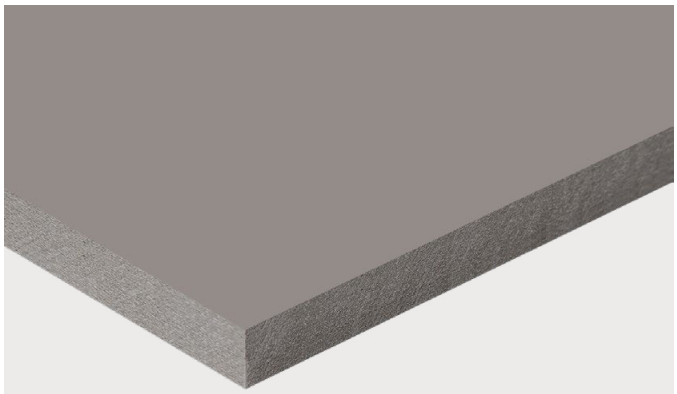

Cherry tree


Maple

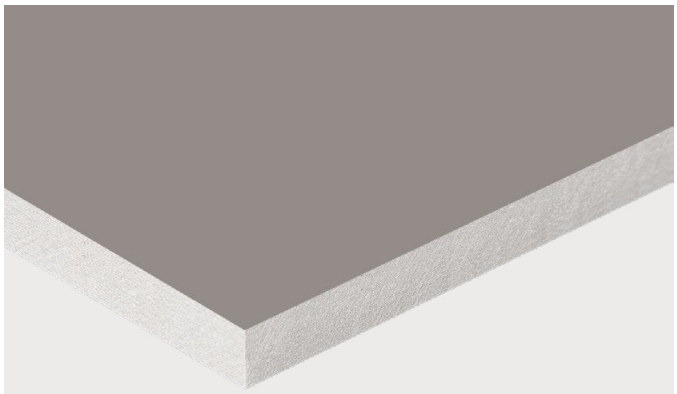
Core color

SFIBRAL Gama, **SFIBRAL Skala** and **SFIBRAL Ligno** are available with an anthracite or ivory white core.

With all decors and colors can both core colores be combined. However, the white core looks best with a white surface color. Especially when making corners with the core visible without using metal corner profiles.



Anthracite core



Ivory white core

Technical data

SFIBRAL Gama

SFIBRAL Gama is a high density non combustible fiber cement wall panel with micro laminate as top layer.

+200 decors in mono colors, wood and other decors available.

Properties	Standard	Unit	GAMA 4	GAMA 7	GAMA 9
Nominal thickness		mm	4 mm	7 mm	9 mm
Standard sizes (trimmed)		mm	2510 x 1250 3050 x 1250	2510 x 1250 3050 x 1250	2510 x 1250 3050 x 1250
Density		kg / m³	1900 ± 50	1900 ± 50	1900 ± 50
Tolerance thickness		mm	± 0,2	± 0,2	± 0,2
Tolerance lenght		mm	± 5	± 5	± 5
Tolerance width		mm	± 4	± 4	± 4
Fire behavior	DIN EN 13501-1		A2,s1,d0	A2,s1,d0	A2,s1,d0
Elasticity modulus		N / mm²	≥ 12.000	≥14.700	≥15.600
Tensile bending strenght		Mpa	≥ 45	≥ 51	≥ 58
Fmax		N	111	480	565
Expansion		%	0,58	0,6	0,62
Brinell hardness	EN ISO 650-1	HBW 6,25/3,18	99,5	99,5	99,5
Falling ball test	EN 438-T2	mm	2	2	2
Scratch resistance	EN 438-2:2016	N	3	3	3
Abrasion resistance	EN 438-2:2016	Rotation	≥ 150	≥ 150	≥ 150
Resistance against dry heat	EN 438-2:2005	Grade	4	4	4
Resistance against watter vapour	EN 438-2:2005	Grade	4	4	4
Adhesion	DIN EN ISO 4624	N/mm²	1,29	1,29	1,29
Resistance against impact of health sector equipment	DIN 13411:1999-02	---	OK according standard	OK according standard	OK according standard

Resistance to chemicals

Bose Sterillium	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Terralin Protect	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Sensiva hand desinfection	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Chlor conzentrate	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Chlor 8g / 100g water	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Chlor 10mg / 1 Ltr. Water	ISO 19712	Level1	Grade 5	Grade 5	Grade 5

SFIBRAL Skala

SFIBRAL Skala is a high density non combustible fiber cement wall panel with a special ceramic coating as top layer.

Mainly used at hospitals, laboratories and public buildings.

Properties	Standard	Unit	SKALA 4	SKALA 7	SKALA 9
Nominal thickness		mm	4 mm	7 mm	9 mm
Standard sizes (trimmed)		mm	2510 x 1250 3050 x 1250	2510 x 1250 3050 x 1250	2510 x 1250 3050 x 1250
Density		kg / m³	1900 ± 50	1900 ± 50	1900 ± 50
Tolerance thickness		mm	± 0,2	± 0,2	± 0,2
Tolerance lenght		mm	± 5	± 5	± 5
Tolerance width		mm	± 4	± 4	± 4
Fire behavior	DIN EN 13501-1	im Verbund	A2,s1,d0	A2,s1,d0	A2,s1,d0
Elasticity modulus		N / mm²	≥ 12.000	≥14.700	≥15.600
Tensile bending strenght		Mpa	≥ 45	≥ 51	≥ 58
Fmax		N	111	480	565
Expansion		%	0,58	0,6	0,62
Brinell hardness	EN ISO 650-1	HBW 6,25/3,18	99,5	99,5	99,5
Falling ball test	EN 438-T2	mm	2	2	2
Scratch resistance	EN 438-2:2016	N	9	9	9
Abrasion resistance	EN13310-2003	mg	Δm-48 mg	Δm-48 mg	Δm-48 mg
Adhesion	DIN EN ISO 4624	N/mm²	1,29	1,29	1,29
Resistance against impact of health sector equipment	DIN 13411:1999-02	---	OK according standard	OK according standard	OK according standard

Resistance to chemicals

Bose Sterillium	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Terralin Protect	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Sensiva hand desinfection	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Chlor conzentrate	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Chlor 8g / 100g water	ISO 19712	Level1	Grade 5	Grade 5	Grade 5
Chlor 10mg / 1 Ltr. Water	ISO 19712	Level1	Grade 5	Grade 5	Grade 5

SFIBRAL Ligno

SFIBRAL Ligno is a high density non combustible fiber cement wall panel with natural wood veneer as top layer.

Properties	Standard	Unit	LIGNO 4	LIGNO 7	LIGNO 9
Nominal thickness		mm	4 mm	7 mm	9 mm
Standard sizes (trimmed)		mm	2510 x 1250 3050 x 1250	2510 x 1250 3050 x 1250	2510 x 1250 3050 x 1250
Density		kg / m³	1900 ± 50	1900 ± 50	1900 ± 50
Tolerance thickness		mm	± 0,2	± 0,2	± 0,2
Tolerance lenght		mm	± 5	± 5	± 5
Tolerance width		mm	± 4	± 4	± 4
Fire behavior	DIN EN 13501-1		A2,s1,d0	A2,s1,d0	A2,s1,d0
Elasticity modulus		N / mm²	11.500 - 12.500	13.700 - 14.800	14.900 - 15.800
Tensile bending strenght		Mpa	≥ 47	≥ 54	≥ 61
Fmax		N	113	483	568
Expansion		%	0,58	0,61	0,63
Brinell hardness	EN ISO 650-1	HBW 6,25/3,18	99,2	99,2	99,2
Falling ball test	EN 438-T2	mm	2	2	2
Adhesion	DIN EN ISO 4624	N/mm²	1,27	1,27	1,27

Classified veneers

Oak
Smoked oak
Beech
Spruce
Fir
Larch
Walnut
Cherry tree
Maple

Hassle-free solution

- Full solution supply
- Consulting
- Engineering support
- CNC machining
- Logistics

Order a sample to discover the exeptional price-quality ratio

+370 686 44 054
(Mobile/WhatsApp/Viber)

+49 176 30628338

Betono aklg. 16/16, LT-03153
Vilnius, Lithuania

info@sfibral.com

www.sfibral.com