

Management, Operations & Maintenance (MOM) Vito Fire Panel

FORMAT

TABLE 1: STANDARD PRODUCT DIMENSIONS

PRODUCT	DIMENSIONS
Panel	6,4 x 2720 x 620mm
Aluminium profile external corner	6,7 x 2720 mm
Aluminium profile internal corner	6,7 x 2720 mm
Recommended screws for Vito Fire Panel click lock system (custom profile screws included in the pack)	4.2 x 32 mm (article no. 810030)

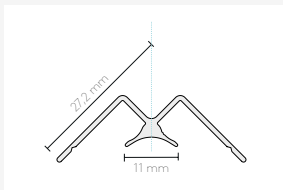
PRODUCT DESCRIPTION

Vito Fire Panel is a wall system for dry rooms that require a higher degree of fire protection than ordinary timber-based wall panels can offer. Vito Fire Panel comprises 100% high pressure laminate with a pigmented outer layer available in a range of exquisite shades. The wall system comes with click lock technology and concealed screws specially designed for fast and secure fitting.

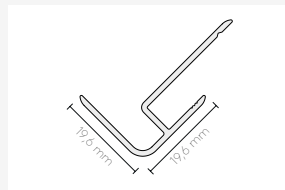
Vito Fire Panel has a Reaction to Fire classification of B-s1,d0 and is designed for use in rooms with a fire resistance classification of EI30 and above. Fire resistance must be evaluated/calculated by a competent person for each project.

PROFILE TYPES

Fibo aluminium profiles are available in a range of designs depending on application and desired appearance.



ALU PROFILE
INTERIOR CORNER PROFILE



ALU PROFILE
EXTERIOR CORNER PROFILE

AREA OF APPLICATION

Vito Fire Panel can be used as an internal surface in rooms where a higher fire class is required. Typical rooms include hallways and corridors in public buildings with class B fire compartments (see the Norwegian Building Regulation (TEK 17) Sections 11-2 and 11-3).

The panels may be fixed directly onto timber or steel studwork or directly onto non-flammable materials such as brick and concrete. See the fitting instructions for further details and Section 4.3 of the fire classification report for exhaustive usage definitions (see link below this chapter for references).

Fire resistance must be evaluated/calculated by a competent person based on the construction of the entire wall. Fibo's evaluation report on fire resistance provides relevant supporting documentation when applying for approval or permission for use on specific projects.

TABLE 2: RELEVANT PROPERTIES OF VITO FIRE PANEL

PROPERTY	VALUE	CONDITIONS
Reaction to Fire classification	B,s1-d0	-
Removal torque	2600 kN	(article no. 810030)
	>2000 kN	(table 3, EN 438-7)
Swelling	0.73% (panel thickness)	12 days in water bath at room temperature.
Density	>1350 kg/m ³	-

ACCEPTANCE CHECK, TRANSPORTATION AND STORAGE

The panels come in "industrial/project packaging", i.e. flat on a pallet wrapped in plastic. The panels must be acclimatised to the expected ambient environment. Vito Fire Panel must be stored in a dry place, horizontally and on a level surface with the plastic packaging intact. The CE markings can be found on the plastic wrapping.

Inspect the panels on arrival and prior to fitting to ensure that they have not been subjected to rain or damage or suffered other defects. In the event of visible damage, please do not proceed but contact the vendor for further assistance.

FITTING

Fire-resistant sealant must be applied around the perimeter of the wall system in accordance with the provisions of TEK17-11. Fire-resistant sealant must also be applied when finishing off the last panel. Panel joints created by the Fibo click system and profiles do not need to be sealed in order to maintain fire resistance.

We recommend fitting the wall panels with a max. screw distance of 200 mm. Fibo supplies custom screws (article no. 810030) specially designed for our Fire Panels. These screws can be used to fit panels to both timber and steel studs. We recommend pre-drilling the panels to ensure secure fastening as the panels are made from hard material. See the fitting instructions for further details.

Fibo Seal can be applied to the joints to reduce the risk of gaps (drying shrinkage cracks) due to variations in relative humidity. Fibo Seal is available in black, grey and white. Fibo Seal is not required to maintain the functionality of the system but is recommended for optimal aesthetic appearance. See the Fibo Wall Panel fitting instructions for information about the use of sealant and removal of excess sealant.

We recommend applying a small quantity of sealant on the corner profiles as this reduces the risk of vibrating noise occurring between the Vito Fire Panel and the aluminium profiles. Use a fine-tooth saw, ideally with a carbide blade, to trim the aluminium profiles.

Applying sealant to click lock panel joints or profiles does not affect the product's classification. See the fitting instructions for correct application of sealant.

CLEANING OF VITO FIRE PANEL

Cleaning:

For everyday cleaning of the wall system, use a neutral detergent with a pH value of 7-9, warm water and a lint-free cloth.

Always apply the detergent in the dirtiest spot first. Then leave it till last before rinsing to give it time to work. If you use bleach for cleaning, it must be diluted and rinsed off with lukewarm water within 30 mins.

Cleaning after applying sealant:

A thin film may appear on extra matt surfaces if you have applied Fibo Seal and then used Fibo Wipes to remove the excess sealant. Always use water and paper to remove soap residue. If the film is left, it may cause stubborn stains or discolouration. In this event, use a moistened Fibo Magic Sponge and rub lightly across the area. The sponge must be moist. Do not use excessive force as this could leave a gloss on matt and extra matt surfaces. Glossy spots caused by excessive force cannot be removed.

**WASTE DISPOSAL**

Panel offcuts can normally be sorted under waste disposal code 114909 for mixed wood waste. We advise you to consult your local recycling plant in advance as downstream processing facilities may vary.

PACKAGING

Plastic wrapping on pallet.

HEALTH AND SAFETY REFERENCES

The wall system meets the criteria for emissions and contains no known hazardous, flammable or allergenic substances. The wall system does not pose a health risk during fitting or normal use.

WARRANTY AND LIFE EXPECTANCY

Vito Fire Panel comes with a 15-year product warranty. The terms of the warranty apply to normal wear and tear in private and public buildings. They do not cover incorrect fitting, incorrect treatment or cleaning, nor movement in the substrate. The manufacturer is not liable for any indirect costs.

The panels' life expectancy exceeds the product warranty. Life expectancy is consistent with the building's life expectancy or minimum 30 years.

MANUFACTURER: FIBO AS

Address: Industriveien 2, 4580 Lyngdal, Norway
Telephone: +47 38 13 71 00
Website.: <http://www.fibo.no>
Email: info@fibosystem.com

Contact: **Head of Product**

CERTIFICATIONS

PEFC certificate: (PBN-PEFC-COC-064510)

FSC certificate: (NC-COC-064510)

REFERENCES:

Harmonised standards:
EN 438-7:2005 "High-pressure decorative laminates (HPL). Sheets based on thermosetting resins" (usually called laminates)
Part 7: "Compact laminate and HPL composite panels for internal and external wall and ceiling finishes"

Fire classification report:
Document ID "220504 RISE 164145-1 EN 13501 FIBO AS" (B-S1,d0); RISE, "REPORT 0402-CPR-O100352-164145-1"

Fire resistance evaluation report:
Document ID "Vurderingsrapport 150100-60"
(EI30); RISE, "Brannteknisk vurdering av veggkonstruksjon"