



# FAAY KBL system

Optimal freedom in wiring!



*Faay Vianen B.V.  
specialist in partitions  
and ceiling systems  
for over 35 years.*

But not just a 'run-of the mill' supplier! We produce most of our partitions on the basis of flax waste, a by-product of the linen-, paper- and linseed oil production.

This provides them with exceptional building-physical features: shock-proof, fire-resistant and sound-proofing, thermally insulating, screw-proof and very easy to assemble.

Faay has a wall or ceiling system suitable for every imaginable situation. So it's no surprise that builders and architects feel at home with FAAY, whether it concerns a new build, renovations or utility architecture.

Besides these, the aesthetic qualities are also very high and the flexibility - because our systems can quite easily be disassembled - is unsurpassed.

The quality of FAAY walls and ceilings has been established in KOMO certificates 20196/09 (walls) and 20785/09 (ceilings) and is guaranteed by ISO Norm 9001.

In addition Faay complies with the requirements of the environmental management system (environmentally friendly operational management) determined in the ISO 14001 standard.



# KBL-system, optimal freedom in wiring

**Hiding cables for data transport and electricity behind skirting boards is only useful if the cables remain accessible at all times. That is possible with the FAAY KBL system! Herewith Faay supplies a clever wall concept that takes advantage of the growing need for flexibility in wiring for all electric installations.**

The FAAY KBL system provides a continuous space for cables under the FAAY wall panels. The clever thing about the system is that this space remains freely accessible thanks to the removable skirting boards. The vertical cable ducts (standard in all FAAY wall panels, 20 cm centre to centre) always remain accessible from the horizontal space!

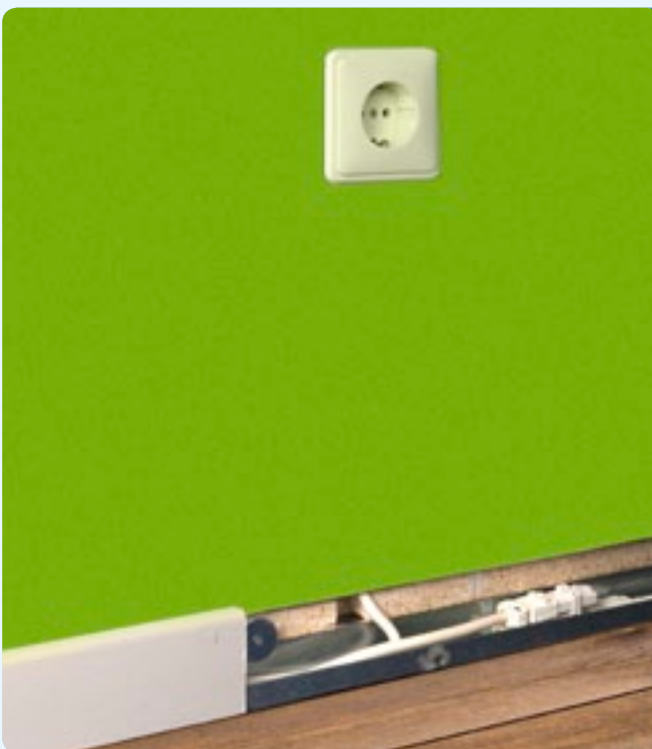
## **No recessed channels in the floor!**

The horizontal space under the wall exists because the wall panels stand on metal profiles. These profiles are not only robust but also effective in fire-resistance and sound-proofing. Thanks to the FAAY KBL system, recessed channels in the (concrete) floor are not necessary! The handsome, removable skirting boards are manufactured from strong MDF. They are a maximum of 70 mm

high and are finished in white foil as standard. The skirting boards can also be painted. In addition the skirting board has been further developed so that you now have unlimited choice in wall finishes. The skirting board has two grooves on the bottom along the whole length for this purpose. You can click the skirting-board in the first groove for a thin finish (such as wallpaper). If the wall finish is thicker (spackle, Granol etc.), you would choose the second groove so that the skirting-board is further from the wall. In this way the skirting board will always fit neatly no matter what the wall finish is. The space under the wall provides sufficient room for a plug system from Wieland or another brand. Cables for 230V and data transport for instance can be lead through without problem and remain accessible at all times thanks to the removable skirting boards.

## **KBL is also: screw-tight, fire resistant and sound-proofing.**

An important point is that all the properties of the FAAY wall systems can also be found in the KBL system. This means that the walls are screw-bearing, fire-resistant and sound-proofing in conformity with the Building Decree. The 40 cm wide and the 60 cm wide FAAY panels are both available with the KBL system.



## **Electricity provisions are always accessible**

Thanks to the continuous metal profiles the cables can be laid horizontally and can run uninterruptedly under the panels across the entire width of the wall. The system provides enormous flexibility for the installations and can be used in offices, hospitals and schools, but private individuals can also profit from the FAAY KBL system. Concealing coax cables and the wiring for speakers, telephones and the computer network for instance. The combination of the KBL system for horizontal wiring with the vertical cable ducts in the wall panels makes it possible to realise electricity and/or ICT provisions anywhere on the wall, even in ready for use situations! Definitely not a superfluous luxury in these times of changing communication and audio equipment!



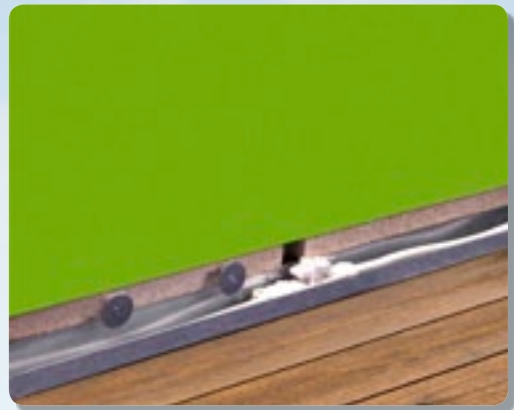
# FAAY KBL: an extra plug point is made in a flash!

Along with top quality, simple and accurate assembly is of foremost importance for all Faay wall and ceiling systems. This is also

the case with the KBL system. The photos below show how easy it is to add an extra plug point in a KBL wall.



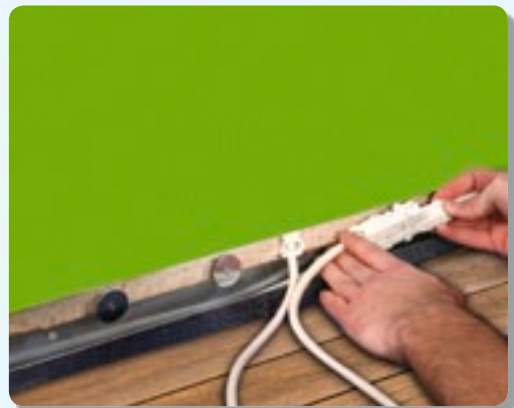
**1.** Remove the skirting board.



**2.** Measure out where the vertical cable duct is.



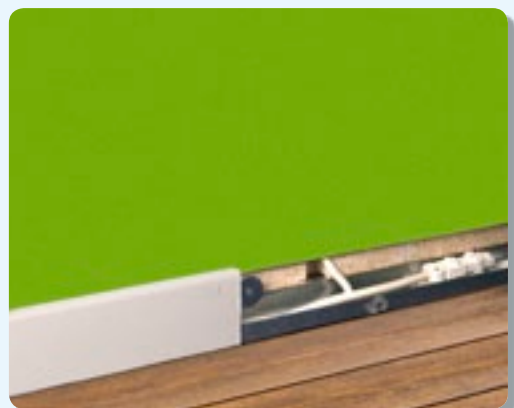
**3.** Drill a hole where the plug point is to be placed and install the wall socket.



**4.** Thread the wiring through to the cable duct under the wall.



**5.** Install the plug point and connect the wiring.



**6.** Replace the skirting-board, **finished!**

# Flexible in respect to arrangement and finish

Electricity and data cables can now be pulled through anywhere and on both sides of the wall with the FAAY KBL system. Additionally it is possible to use the KBL system on one side of a partition wall (in the bedroom for example) while the other side is tiled (the bathroom for instance)! Moreover the skirting board has been further developed so that you now have unlimited choice in wall finishes. The wall panels remain removable so that a building can always be flexibly rearranged. Health care institutions, offices and school buildings, but also houses are therefore pre-eminently suitable for the FAAY KBL system. A house can be freely arranged: a bedroom becomes a workroom or a large room can be divided into smaller rooms.



## Prefab

The FAAY KBL system is advantageous not only in the utilisation phase but seizes on the trend of preparing as much as possible in the factory so that only installation is necessary on the building sites. Many houses are completed as shells with only one connection point. The combination of the KBL system for horizontal wiring and the vertical cable ducts in the wall also make it possible to realise electrical and/or ICT provisions in ready-for-use situations anywhere on the wall. The construction period can be considerably reduced by choosing prefab building components. The building speed increases on the site through prefab construction. The failure costs and therefore the final labour costs as well will decrease considerably.

## Advantages of FAAY KBL system

- Quick assembly
- Simple
- Freedom in wiring
- Clever skirting board permits any wall finish, however thick or thin
- Removable
- Exceptionally strong and screw-bearing
- Fire-resistant and sound proofing in conformity with the Building Decree requirements

