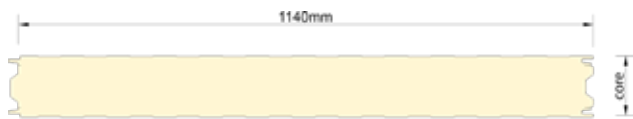


## Cross section



Unlined (inside and outside)

## Features

**Fire resistant**  
Available with fire-resistant properties and classified as fire class B-s1,d0.

**Save+**  
Suitable for (food) storage areas with the required high insulation values and airtightness.

**Foodsafe**  
Available for the food industry with special coating meeting hygiene requirements.

**Ceiling & flat roof**  
Panels with this icon can be applied as a ceiling or flat roof.

**Agri-coating**  
Available with agri-coating for long life in agricultural applications.

**FM-certified**  
This insulated panel is FM certified.\*

**Carrier**  
This product is suitable as a carrier of various accessories.

**Zulassung**  
This product complies with the German Zulassung.

\*If you require the FM certificate on your order, please make this known at the time of application so we can take it into account during production.



**CradleCore®**  
powered by FALK  
[falk.com/en/cradlecore](https://falk.com/en/cradlecore)

**The circular insulation solution**  
Optionally you can choose our circular CradleCore® insulation core, with end-of-life take-back and recycling guarantee



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Great care has been taken with the documentation and technical information. However, no rights can be derived from them. Version: 2026-01

## PRODUCT SPECIFICATIONS

# FALK 1140 KV

**HIGH INSULATION VALUE**  
**REFINED JOINT**

**FALK.com**



# The difference between -30°C and 30°C

The main function of a cold storage room, freezer room or other conditioned space is to control temperature. To create and, above all, maintain that climate, a thermally insulating seal is very important. Our cold store panels achieve very high insulation values, making them applicable in the extreme conditions of the cooling and freezing sector.

The wall panel is available with different coatings such as contact foodsafe and non-contact foodsafe. This also makes the FALK 1140 KV suitable for sectors where hygiene plays an important role, such as the food and meat processing industry.

### Refined joint

The FALK 1140 KV panel features a high-tech joint developed specifically for refrigeration applications. This lock is equipped with a double connection that achieves an excellent airtight seal. In addition, the FALK 1140 KV is equipped

with a labyrinth connection from a core thickness of 100 mm and higher. The 80 mm wall panel has a unique, proprietary connection that is equivalent to the labyrinth connection in terms of airtightness. This allows a stable and controlled space to be created.

### Customised cold store

The insulated wall panel is available in bespoke lengths of up to 20 metres. High insulation values can also be achieved as the FALK 1140 KV wall panel is available with a core thickness of up to 225 mm.

## Specifications

\* available upon request

| Core thickness<br>[mm] | U-value<br>[m²K/W] | Weight<br>[kg/m²] |
|------------------------|--------------------|-------------------|
| 80                     | 0.257              | 11.1              |
| 100                    | 0.210              | 11.9              |
| 120                    | 0.172              | 12.7              |
| 140                    | 0.149              | 13.5              |
| 200                    | 0.105              | 15.9              |
| 225*                   | 0.093              | 16.5              |

## Standard version

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Working width:     | 1,140 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Linings:           | Box-, Microrib-, optionally available unprofiled on the inside and outside (EN 14509)                                                                                                                                                                                                                                                                                                                                                                            |
| Core material:     | PIR-insulating foam (CradleCore® available upon request)                                                                                                                                                                                                                                                                                                                                                                                                         |
| Coating:           | Exterior: Colorcoat HPS200 Ultra® / Colorcoat Prisma® (other coatings on request)<br>Interior: FALK Off-White 25 mu (other coatings on request)<br><br>Available for inside and outside: <ul style="list-style-type: none"><li>• Polyester 25 mu, FALK Gebroken Wit</li><li>• Contact foodsafe 150 mu, RAL 9002, RAL 9010, RAL 9001, RAL 9003</li><li>• Non-contact foodsafe 25 mu, RAL 9002, RAL 9010</li><li>• RVS 304/2b (316 available on request)</li></ul> |
| Steel thickness:   | Outside: 0.5 mm (standard)<br>Inside: 0.4 mm (standard)                                                                                                                                                                                                                                                                                                                                                                                                          |
| Minimum length:    | 2,000 mm (shorter on request)                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Maximum length:    | 20,000 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Packaging:         | Standard supplied with protective film                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sound insulation:  | Approximately 27 dB(A)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application:       |                                                                                                                                                                                                                                                                                                                                                                             |
| Fire resistance:   | View the 'Themebrochure   Fire Resistance'                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Fire class:        | B-s1,d0                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Material passport: | Environmental Product Declaration (EPD) available                                                                                                                                                                                                                                                                                                                                                                                                                |

## FALK.com

For all product information and to request colour samples or product samples go to **FALK.com**

