

KL 25 Hard Joint

The long-lasting solution for clean joints

- Two-component joint compound, ideal for hygiene-sensitive areas
- High resistance and lasting functional reliability
- Special ECP formulation with complete curing
- Proven over many years and available exclusively from ECP

Properties

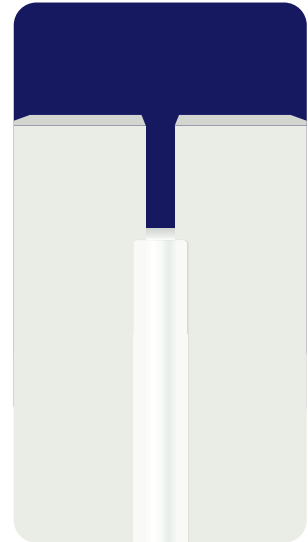
- Extremely hard joint surface
- Tough and elastic with very high adhesion
- Once fully cured, extremely colour-stable and UV-resistant
- Physiologically harmless - does not support mould growth
- Solvent-free and odourless

Construction

> < **Joint width**
~ 4 mm

↔ **Application width**
~ 8 mm

📄 **Composition**
Two-component
PU adhesive

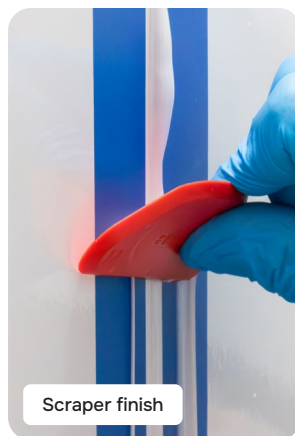


Application images



Applications

- Food industry with stringent hygiene requirements
- Cold rooms and wet rooms with FRP panel walls and ceilings
- Joint sealing for EasyClean-Direct (direct FRP installation)



Benefits

- Excellent viscosity, also suitable for overhead work
- Easy to apply and smooth (without smoothing agent)
- No shrinkage during curing
- Continuous hard joint possible; maintenance-free when used with filler-free ECP FRP products (depending on the application and material combination)

Product data

Colour

traffic white

RAL 9016

other colours available on request (minimum order quantity required)

Application temperature



Recommended:
18 °C to 23 °C



When applying
below 15 °C:
No satisfactory
application result!

Packaging

Dual cartridges 2:1
400 ml + mixing nozzles

Internal diameter
small cartridge tube:
32 mm / large: 45 mm



Storage

Temperature range:
5 ° to 25 °C

Protect from frost, heat
and direct sunlight.
Opened cartridges can be
resealed.

Shelf life:
See cartridge imprint;
maximum 12 months

Application

Tools



ECP offers various cartridge guns. We recommend the battery-powered or pneumatic version. For minor repair work, we also offer a manual cartridge gun.

E-Press KL 25

⚡ Electric

Air-Press KL 25

🌬 Pneumatic

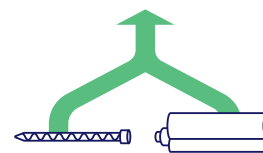
M-Press KL 25

🔧 Manual

Cartridge replacement



Always replace the mixing nozzle together
with the cartridge!



To ensure the correct mixing ratio, replace the mixing nozzle with every new cartridge and discard **10 g of joint material** (approximately the size of a walnut).

Working time

- Primarily dependent on room and material temperature
- The joint cross-section affects reaction time: larger joint cross-sections accelerate the reaction of the two-component joint compound
- Times are guideline values for standard joint widths

The following values provide an overview of the processing times to allow for KL 25 at standard joint widths:

Temperature	16 °C	24 °C	27 °C
KL 25 smoothable for	13 min	6 min	5 min
KL 25 firm after	31 min	14 min	9 min
KL 25 tack-free after	24 h	5 h	4 h

Use and reuse

When storing opened cartridges, leave the mixing nozzle on the cartridge. When reusing, replace the mixing nozzle. Then discard the **first 10 g of material** to ensure the correct mixing ratio.

Full details on correct application of the joint compound are available in:



ECP KL 25 Hard Joint Application Instructions

Available at www.ecp-gfk.de/en/downloads



Legal Notice

The information contained in this document is based on our current knowledge and experience under normal conditions with proper storage and application. It does not constitute legally guaranteed properties and does not release the user from the obligation to independently verify the suitability of the products for the intended application.

Due to varying materials, substrates, and processing conditions, no liability or warranty can be derived from this information unless inten-

tional misconduct or gross negligence on our part can be proven. In such cases, the user must demonstrate that all information required for proper assessment was provided to ECP completely and in due time.

Technical data and product specifications are subject to change. The latest version of the respective document/data sheet shall always apply. Third-party property rights must be observed by the user. Our current terms and conditions of sale and delivery apply.