



# Specification Text

## Construction of a room/day-field formwork or expansion joint using FUjoint hybrid profile

\_\_\_\_\_ linear meters

Supply and installation of a drivable hybrid expansion joint profile of the type **FUjoint**, consisting of a robust steel substructure and a **metal-free, grindable top element**. The system is AgBB-certified and enables a monolithic (integral) bond with the adjacent concrete slab.

The FUjoint hybrid system is specifically engineered for use in **logistics-intensive environments** with sensitive vehicle types (e.g. forklifts, AGVs, floor conveyors) and is suitable for both **pedestrian and heavy-duty industrial traffic**. After concrete shrinkage and deformation, the top profile can be ground down by up to 5 mm, allowing for a shock-free and vibration-free crossing. Deeper grinding depths are available upon request from the manufacturer.

A **factory-applied special coating** ensures optimal adhesion between the concrete and the profile. Integrated transverse bores allow the use of **shear dowels** to minimise horizontal and vertical slab displacement.

### Installation Guidelines

- Install before placing concrete to the final surface level
- Installation and alignment must follow the **manufacturer's technical instructions**
- Grinding works after completion of concrete shrinkage are **not included** in the tender price

### Technical Specifications

- System type: FloorUnited / FUjoint
- Element length: 2,390 mm
- Profile height: 180–220 mm (height adjustable)
- Total profile width: 200 mm
- Visible width of top element: 115 mm
- Shear dowels: Ø 20/25 mm, length 500 mm (To be dimensioned and selected by the structural planner according to the project)
- Substructure: Steel (DC04, material no. 1.0338)
- Top element: Metal-free, grindable by up to 5 mm

\_\_\_\_\_ €/lm \_\_\_\_\_ €

### Supplier

FloorUnited GmbH | Gewerbepark 21, A-4101 Feldkirchen a.d. Donau  
[www.floorunited.at](http://www.floorunited.at)