

Technical data sheet

Egcodubel Stainless Steel

1. General description

Egcodorn and Egcodubel systems are used for transfer of transverse forces in joints of structural elements consisting of concrete slabs. Material properties and load-bearing capacity of the Egcodorn systems are specified in DIBt approvals Z-15.7-301 and Z-15.7-266. Usually dowels are only used for subordinate structural elements (base slabs, concrete roadways etc.). For our Egcodubel systems the relevant pieces of evidence have been produced according to DIN EN 1992, DIN EN 1993 and brochure 346 DAfStb. The corresponding charts providing you with information on load-bearing capacities are available at www.maxfrank.com.

2. Dowel types

- **EDMØØHF** high-strength steel
Material number: 1.7225 or 1.7227
 $f_{yk} = 750 \text{ N / mm}^2$
- **EDMØØS355** structural steel S355
Material number: 1.0570
 $f_{yk} = 355 \text{ N / mm}^2$



3. Jacket

- Corrosion protection class III
- Stainless steel with material number 1.4571 (1.4401) of consistency class S235,
 $f_{yk} = 200 \text{ N/mm}^2$

4. Sliding sleeves

- Corrosion protection class III
- Circular or rectangular stainless steel sliding sleeve:
- Front plate material number: 1.4571 (1.4401)
- Sliding sleeve material number: 1.4571 (1.4301)
- Plastic sliding sleeves

5. Dowel plugs

- Two-component silicone rubber, patented sealing method according to the relevant data sheet available.