

## Technical Data Sheet

# Egcodubel stainless steel

Egcodubel shear force dowel for small and medium loads in expansion joints



### Product

**Description** **Egcodubel** for expansion joints is a system for transmission of shear forces in joints of areal components. The use of dowels without anchor body is usually limited to secondary components (e.g. floor slabs).

**Uses** **Egcodubel** can be used with sleeves for small loads or for structural component connection. **Egcodubel** is available without sleeves for dowelling work and dummy joints.

**Characteristics / advantages**  
 Dowel core: High-strength or normal strength  
 Dowel jacket: stainless steel with high corrosion protection (corrosion class III)  
 Sleeve: stainless steel (round or rectangular), plastic (round)

### Test Reports

**Approvals / Standards** General verification concepts according to DIN EN 1992, DIN EN 1993 and DAfStb leaflet 346 apply to **Egcodubel**. A general building approval/ETA is currently not available.  
 Corresponding load tables are available at [www.maxfrank.de](http://www.maxfrank.de).

### Product Data

#### Appearance



**Packaging** order-related

**Storage** No special requirements

**Material Properties**

Egcodubel type <b>EDMØØHF</b>	<ul style="list-style-type: none"> <li>• High-strength steel</li> <li>• Material-No.: 1.7225 or 1.7227</li> <li>• fyk = 750 N/mm<sup>2</sup></li> </ul>
Egcodubel type <b>EDMØØS355</b>	<ul style="list-style-type: none"> <li>• Structural steel S355</li> <li>• Material-No.: 1.0570</li> <li>• fyk = 355 N/mm<sup>2</sup></li> </ul>
Stainless steel dowel sleeve	<ul style="list-style-type: none"> <li>• Corrosion class III</li> <li>• Stainless steel material number 1.4571 (1.4401), strength class S235</li> <li>• fyk = 200 N/mm<sup>2</sup></li> </ul>
Sliding sleeves	<ul style="list-style-type: none"> <li>• Corrosion class III</li> <li>• Stainless steel sliding sleeve, round or rectangular: Front panel Material-No.: 1.4571 (1.4401) Sliding sleeve part Material-No.: 1.4571 (1.4301)</li> <li>• Plastic sliding sleeves (round)</li> </ul>
Dowel sealing	<ul style="list-style-type: none"> <li>• Two-component silicone rubber</li> <li>• Patented sealing process according to the stored data sheet</li> </ul>

**Disclaimer / Notes:**

The usability of the products in the specific installation situation must be checked by the user. This data sheet is constantly updated. Technical changes are therefore expressly reserved without prior information of the customer. The currently valid version can be found on our website at: [www.maxfrank.com](http://www.maxfrank.com). Our General Terms and Conditions of Sale apply in addition.