

#### Note on English translation / Hinweise zur englischen Fassung

This is a translation of the technical data sheet valid in Germany.

All stated details and properties are in compliance with the regulations of the German standards and building regulations. They are only applicable for the specified products, system components, application rules, and construction details in connection with the specifications of the respective certificates and approvals.

Knauf Gips KG denies any liability for applications outside of Germany as this requires changes acc. to the respective national standards and building regulations.

#### Plaster and Façade Systems

## P389h.de

Product Data Sheet

2018-02



# Schraubdübel STR H dowel

Screw-in dowel for WARM WALL systems in timber construction

#### Product description

Schraubdübel STR H dowels consist of a galvanized countersunk steel screw, a plastic washer head and EPS sealing plug for countersunk (only for EPS insulation material) or surface flush anchoring.

#### Storage

Store in a dry place.

#### Quality

The product is subject to continuous factory production control as well as regular external monitoring.

#### Properties and added value

- Screw-in depth  $\geq 30$  mm
- Permanent compression pressure
- Preinstalled screw for fast installation
- For surface flush installation in soft wood fibre boards in accordance with the system approval.

- For countersunk installation in EPS and surface flush installation in EPS and mineral wool insulation materials
- For constructional anchoring of EPS and mineral wool insulation materials on board substrates

#### Field of application

For mechanical fastening of the wood fibre insulation panels of the

- WARM-WALL Natur T acc. to abZ Z-33.47-673
- WARM-WALL Natur S acc. to abZ Z-33.47-1258
- WARM-WALL Natur D acc. to abZ Z-33.47-638
- As well as the constructional anchoring of EPS and mineral wool insulation materials on board substrates acc. to. abZ Z-33.47-899 (countersunk or surface flush)

### Application

#### Dowel length selection

The dowel length to be used is based on the insulation material thickness, and if present, the existing old render layers. The screw-in dowel must be anchored to a depth of at least 30 mm in the substrate. The application of adhesive with WARM WALL EPS and WARM WALL Plus in timber construction in accordance with abZ Z-33.47-899 must be considered and added.

#### Dowel arrangement

The number of fasteners is based on the system or insulation material approval taking consideration the DIN 1055-4 and EN 1991-1-4/NA. Further information on the dowel quantity and arrangement can be found in the relevant data sheets for the Knauf WARM WALL systems in timber construction.

### Technical data

Description	Unit	Value	Standard
Screw diameter	mm	6	–
Dowel plate diameters	mm	60	–
Screw-in depth	mm	30 – 40	–
Screw drive	–	TORX T25	–

### Product range

Description	Application	Packaging unit	Material number	EAN
Schraubdübel STR H dowel	80 mm	100 pieces / pack	00253080	4003950090035
	100 mm		00253082	4003950090042
	120 mm		00253085	4003950090059
	140 mm		00253087	4003950090066
	160 mm		00253088	4003950090073
	180 mm		00253089	4003950090080
	200 mm		00253091	4003950090097
	220 mm		00253092	4003950090103
	240 mm		00253094	4003950090110
	260 mm		00253097	4003950090127
	280 mm		00253098	4003950090134
300 mm	00253099	4003950090141		

Knauf Schraubdübel STR H dowel is an equivalent for the following products:

- ejothem STR H acc. to abZ Z 9.1-822



The iPad App Knauf Infothek now provides all the current information and documents from Knauf Gips KG at any time and in every location in a clear and comfortable way.

[Knauf Infothek](#)

#### Knauf Direct

Technical Advisory Service:

▶ [knauf-direkt@knauf.de](mailto:knauf-direkt@knauf.de)

▶ [www.knauf.de](http://www.knauf.de)

**Knauf Gips KG** Am Bahnhof 7, 97346 Iphofen, Germany

All technical changes reserved. Only the current printed instructions are valid. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas.

All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require our expressed permission.