

*isoweld*<sup>®</sup> TI-T25-6,3*isoweld*<sup>®</sup> TI-T25-6,3

## Technical information

## Application

For the fastening of waterproof membrane and insulation to solid, dense concrete of minimum grade C12/15.

## Material

## Fastener

- TI-T25-6,3  
Case hardened carbon steel  
Durocoat<sup>®</sup> corrosion protection:  
Resistance at 15 cycles of Kesternich  
test according to ETAG 006 - D.3.1.  
and FM Approval Standard 4470  
requirements  
Environment-friendly, free of  
chromium VI

## Sleeves

- FI-R-20  
Polyamide PA

## Stress plate

- FI-P-16,0-PVC / FI-P-16,0-TPO  
FI-P-16,0-EPDM  
Steel 0,8 mm  
Resistance at 15 cycles of Kesternich  
test according to ETAG 006 - D.3.1.  
and FM Approval Standard 4470  
requirements

## Stress plates

## FI-P-16,0-PVC



- Stress plate for PVC membranes  
and insulation, plate diameter  
80 mm, hole diameter 16,0 mm

## FI-P-16,0-TPO



- Stress plate for TPO membranes  
and insulation, plate diameter  
80 mm, hole diameter 16,0 mm

## FI-P-16,0-EPDM



- Stress plate for EPDM membranes  
and insulation, plate diameter  
80 mm, hole diameter 16,0 mm

## Sleeves

## FI-R-20

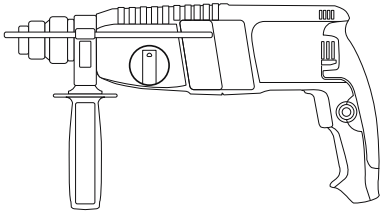


- Sleeve for the *isoweld*<sup>®</sup> system, head diameter 20 mm.

## Technical information

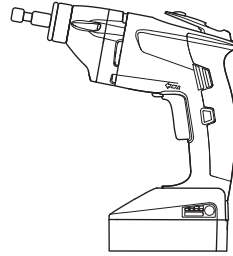
### Tools and accessories

#### Recommendation for pre-drilling



- Hammer drill with weight class 2 - 3 kg, impact energy  $\leq 2,5$  J

#### Recommendation for installation



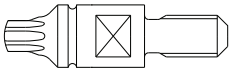
- Power screwdriver
  - 300 - 700 rpm
  - Min. 500 W
- Battery tool
  - 300 - 700 rpm
  - Min. 18 V
  - Battery with min. 2,5 Ah
- Do not use a percussion tool.

#### ZA1/4"-M6-300/750



- Accessory for the manual installation in combination with a power screwdriver or battery tool

#### T25-32-M6



- Accessory for the manual installation in combination with a power screwdriver or battery tool

#### isoweld®3000 / FI-H / FI-Magnet Set



- Induction welding tool, hand inductor and magnets for the welding of the membrane to the *isoweld*® stress plates

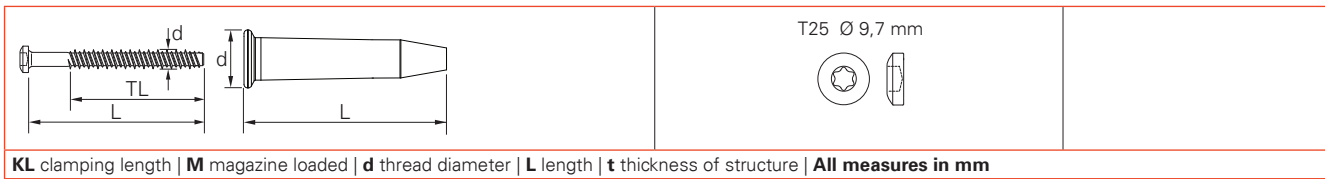
#### FI-Pad



- Cardboard pad for applications on EPS/XPS insulation

isoweld® TI-T25-6,3

Order information



4

Product / Application	Approval	Order code		Application information		
		TI-T25- 6,3x	60			
Carbon steel	   	TI-T25- 6,3x	60	 <b>Build-up:</b> Thickness concrete deck t min. 40 mm. Edge distance: min. 50 mm  <b>Thread length TL:</b> Fastener length 60 - 160 mm: TL = 50 mm  <b>Setting:</b> Sd (Setting depth): min. 20 mm Depth of pilot hole to be min. 15 mm deeper than the setting depth of the fastener, depending on site conditions.		
		TI-T25- 6,3x	70			
		TI-T25- 6,3x	80			
		TI-T25- 6,3x	90			
		TI-T25- 6,3x	100			
		TI-T25- 6,3x	120			
		TI-T25- 6,3x	140			
		TI-T25- 6,3x	160			
● Plastic		  	FI-R-		20x 40	KL see combination table
			FI-R-		20x 70	
	FI-R-		20x 100			
	FI-R-		20x 130			
	FI-R-		20x 160			
	FI-R-		20x 190			
	FI-R-		20x 230			
	FI-R-		20x 300			

Stress plates

FI-P-16,0-PVC



FI-P-16,0-TPO



FI-P-16,0-EPDM

