

*isoweld*<sup>®</sup> TIA-T25 -6,3***isoweld*<sup>®</sup> TIA-T25-6,3****Technical information****Application**

For the fastening of waterproof membrane and tapered insulation to concrete and to thin concrete roof liner trays.

**Material****Fastener**

- TIA-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

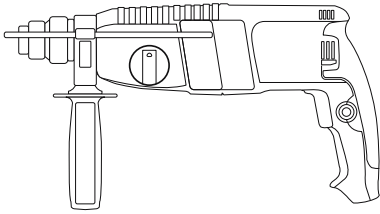
**Sleeves****FI-R-20**

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

## Technical information

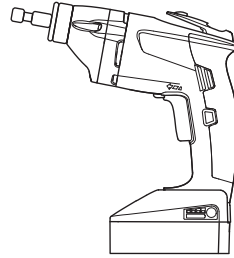
### Tools and accessories

#### Recommendation for pre-drilling



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

#### Recommendation for installation



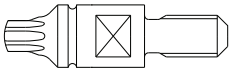
- Power screwdriver
  - 300 - 700 rpm
  - Min. 500 W
- Battery tool
  - 300 - 700 rpm
  - Min. 18 V
  - Battery with min. 2,5 Ah
- Do not use a percussion tool.

#### 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® TIA-T25-6,3

Order information

		<p>T25 Ø 9,7 mm</p>
<p>KL clamping length   M magazine loaded   d thread diameter   L length   t thickness of structure   All measures in mm</p>		

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Product / Application	Approval	Order code			Application information
		Type	d	L	
<p>■ Carbon steel</p>		TIA-T25-	6,3x	70	<p><b>Build-up:</b> Thickness concrete deck t min. 40 mm. Edge distance: min. 50 mm</p> <p><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.</p>
TIA-T25-		6,3x	90		
TIA-T25-		6,3x	120		
TIA-T25-		6,3x	150		
<p>● Plastic</p>		FI-R-	20x	40	<p>KL see combination table</p>
		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

Tools and accessories can be found in chapter 10