

... for more than 40 years +

# KRASO®

SIMPLE + TIGHT



All rights to the drawings and designs are the property of KRASO GmbH & Co. KG. •  
Reproduction and distribution of the drawings as well as any other use require our written consent. •



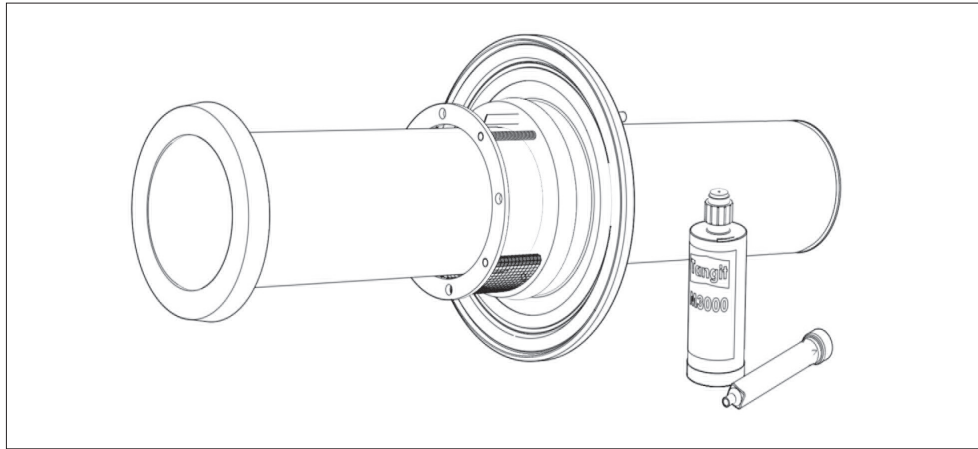
## KRASO® Inject FE

### Installation instructions



**KRASO GMBH & CO. KG**  
Baumannweg 1 | DE-46414 Rhede  
T +49(0)28 72 - 95 35-0  
info@kraso.de | **KRASO.de**

1.25-MA.EN-v1.0-03.26-RSc.DK



## KRASO® Inject FE

Recess for retrofit installation of cables and pipes using a sealing insert (not included in the scope of supply), with injection system.

| DIN 18533 W2.1 – E, DafStB waterproof concrete guideline: stress class 1 + 2

1. Creating a hole. See image for minimum distances and core drilling diameters.
2. Preparation of the house connection. Set control mark.  
A - position of the control mark B - wall thickness C - external sealing 55 mm.  
Position of the control mark = wall thickness B + external sealing C 55 mm.
3. Remove protective film.
4. Insert **KRASO®** Inject FE into the core drilling/casing from the outside of the building.
5. To align the external sealing, the butyl tape must not touch the external wall.
6. Align the external sealing and house connection according to the marking on the large ring ('top') and the markings on the house connection.
7. Push the external sealing up to the external wall, noting the position of the control mark and correcting it if necessary.
8. Unscrew the cap of the resin cartridge (Tangit M 3000, 300 ml) and screw the cartridge into the static mixer.
9. Connect the static mixer firmly to the filling pipe as far as it will go.
10. Remove the bottom cap of the resin cartridge. Insert the resin cartridge into the cartridge gun. Using steady movements, inject the resin completely from the cartridge into the **KRASO®** Inject FE using the cartridge gun.
- 11.\* Tightening the IDK nuts. For final assembly, tighten the 4 or 5 nuts (spanner size 10 or 13). Continue until the upper nuts come off.
12. Place the profile seals **A** upright in the second corrugation trough of the casing pipe and in the groove of the sleeve pipe. Then grease both profile seals (lubricant) and push the casing pipe into the double plug-in sleeve together with the casing pipe onto the sleeve pipe.



**Safety instructions:** protect the house connection from damage, moisture and contamination during installation. Check all individual parts for possible damage. Only undamaged parts may be installed. When installing the house connection, the relevant regulations of the professional associations, the VDE regulations, the relevant national safety and accident prevention regulations and the guidelines (work and process instructions) of your company must be observed. We expressly point out that no warranty is provided for any consequential damage that may occur if the information in the installation instructions is not followed, if our products are used improperly or if they are combined with third-party products.  
**Danger:** expansion resin: Tangit M3000 (300 ml). Contains diphenylmethane-4,4'-diisocyanate. Observe the manufacturer's instructions.  
**Recycling/disposal:** empty packaging can be disposed of via the dual system (yellow bin/bag in Germany, other countries: plastic/recycling disposal). Cured polyurethane residues can be disposed of with household waste/commercial waste.

**1.**  $\geq 60$  mm a b  $\geq 60$  mm  
**KRASO®** Inject FE 100  
 core drilling diameter b: 149-153 mm  
**KRASO®** Inject FE 150  
 core drilling diameter b: 199-203 mm

**2.** wall end cap exterior sealing A B C

**3.**

**4.**

**5.** !

**6.**

**7.** !

**8.** Please observe the manufacturer's safety data sheet. Processing temperature: +5°C up to +30°C, optimum: +15°C up to +25°C

**9.**

**10.** During curing (>10 min), do not separate the complete resin system from **KRASO®** Inject FE.

**11.**

**12.** sleeve pipe double plug-in sleeve casing pipe A groove with horizontal profile seal trough with standing profile seal

\*  
 A B C  
 1 2 3 4 5 6 7 8 9 10 11 12  
 Proceed alternately: crosswise, one turn in at least 3 intervals (A>B>C).