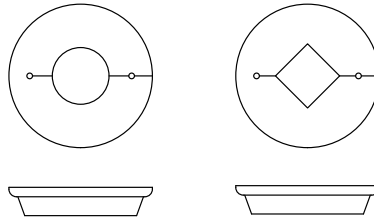


InspecS® 380 re-fit | tool kit

**InspecS®****Prerequisites****Site:**

freely accessible, impact-attenuating surface clean and dry, alternating current connection/generator, vacuum cleaner, vertical equipment poles (inclined poles cannot usually be retrofitted)

Tools:

InspecS® tool kit (not included in the scope of delivery for the InspecS® set)
Caulking gun, pointing trowel, plaster trowel, carpet knife

Measuring and test equipment:

Straightedge, measuring tape, compass (app)

Material (raw materials, aids and supplies):

InspecS® set 380/75/XXX

- 1 x inspection cover (scope of delivery)
- 2 x spring needles, pre-assembled (scope of delivery)
- 1 x protective film for the pole (scope of delivery)
- 1 x protective film for the inspection cover (scope of delivery)
- 2 x sealing plugs (scope of delivery)

also required, but not included in the scope of delivery:

- 1 x 1-component assembly adhesive cartridge, e.g. transparent beko Tackcon
- 1 x adhesive tape roll, e.g. Kip 224 stone tape
- Smoothing agent, e.g. Smoothing Stockmeier Z 935.00
- PUR binder, e.g. aliphatic binder (lightfast) Melos PC 31-030
- EPDM granules, e.g. Melos EPDM 60 Shore A 1.0-3.5 mm

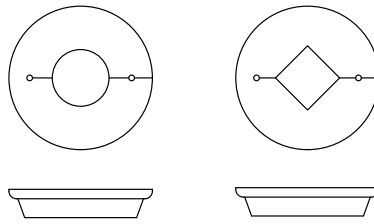
Personal protective equipment as per the German Social Accident Insurance guidelines:

- Rule 112-189 Protective clothing, impermeable protective suit
- Rule 112-190 Respirators, Advantage 200LS, MSA, ABEK multi-range filters
- Rule 112-191 Foot and knee protection, S3 safety shoes, DIN EN 14404 type 1 knee protection pads
- Rule 112-192 Eye and face protection, tight-fitting protective goggles
- Rule 112-193 Head protection, DIN EN 397 safety helmet if required by the on-site conditions
- Rule 112-194 Ear protection, dB ex 2500+, UVEX GmbH, (only for milling work InspecS® re-fit)
- Rule 112-195 Protective gloves, Butoject 897 butyl gloves, KCL GmbH Material Viton

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We reserve the right to make technical changes to improve our products and adapt them to standards and legal requirements. [For more information, see www.inspecs.de](http://www.inspecs.de)

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1. Clear any mineral impurities from a 50 cm radius of the impact-attenuating surface around the pole.

2. Take the milling template segments out of the InspecS® tool kit packaging and place them concentrically around the pole. Fix them to the impact-attenuating surface using the self-tapping countersunk head screws provided (Fig. 1). Ensure that the milling template does not shift when tightening the screws.

3. Place the router with the thrust ring as instructed in the InspecS® tool kit against the inner ring of the milling template (Fig. 2) and insert the router at a maximum cutting depth of 15 mm into the impact-attenuating surface (Fig. 3). Applying even pressure, cut a ring with this same cutting depth around the milling template.

Because the machine is very powerful, it is advisable to cut around the milling template multiple times to obtain the final profile. This will make this step safer and easier, and the end result is usually much better. Check after each round with the router to see if the impact-attenuating surface contains any impurities such as gravel and remove them before continuing. Remove the milled material after each round using a vacuum cleaner.

4. Once the profile edge (Fig. 4) for the inspection cover has been cut, remove the central area near the pole with the help of a hook knife so that the substrate around the pole is visible (Fig. 5).

5. Place the protective film tightly around the pole, covering approximately 50 cm from the upper edge of the substrate (Fig. 6).

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Fig. 1: Positioning the milling template



Fig. 2: Positioning the router



Fig. 3: Plunging and milling path



Fig. 4: Profile edge sectional drawing

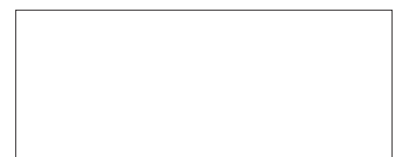
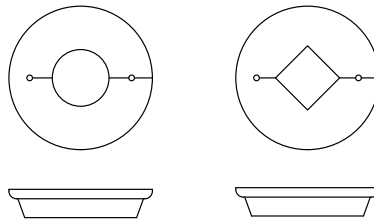


Fig. 5: Freely cut substrate



Fig. 6: Cladding for equipment poles

InspecS® 380 re-fit | tool kit



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6. Remove the inspection cover intended for the equipment pole, as well as the corresponding centring cone from the packaging and allocate it clearly.

7. Place the centring cone around the pole on the upper edge of the substrate (Fig. 7).

8. Pull both parts of the inspection cover apart and place them around the pole (Fig. 8).

9. In roughly the final position (film-covered foundation section), separate the parts of the inspection cover again and use a notched trowel to spread adhesive (Fig. 9) on the separated surfaces. Leave a 10 mm margin free of adhesive to avoid any oozing from extra adhesive.

10. Carefully align the parts and press them together. Finally, fix them together with tape (Fig. 10).

11. Put both spring needles back in the original position and sink the bent ends of the spring needles in the foam of the body of the inspection cover (Fig. 11).

12. Place the inspection cover in its final position and continue working preferably only after the adhesive has set.

13. Place the protective film tightly around the bottom and sides of the inspection cover and fix it in place with tape. The protective film should cover at least 5 cm of the upper edge in order to protect it from dirt and adhesive while treating the nearby impact-attenuating surface.

14. Cover the outer edge of the hole with impact-attenuating material (Fig. 12). Lower and orient the inspection cover carefully (Fig. 13) so that after the impact-attenuating surface sets you can raise and lower the cover out of its mould (nest) easily using the two lifting tools (Fig. 14).

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Fig. 7: Positioning the centring cone



Fig. 8: Separating the inspection cover



Fig. 9: Adhering the inspection cover



Fig. 10: Fixation bonding



Fig. 11: Resetting the spring needles

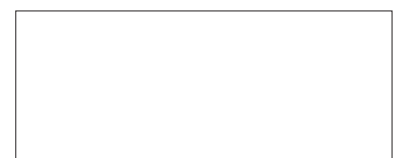
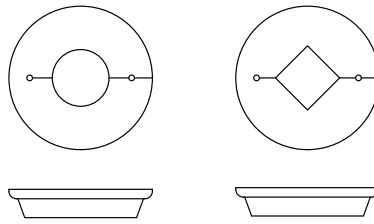


Fig. 12: Battering the edge area

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15. Remove all protective film and tape after completing all steps and after the materials have set completely. Any remaining film – or remnants thereof – will biodegrade naturally, provided it was supplied by us.




Fig. 13: Orienting the inspection cover




Fig. 14: Use of lifting tools