

Screed-flush duct UBSF

Assembly instruction

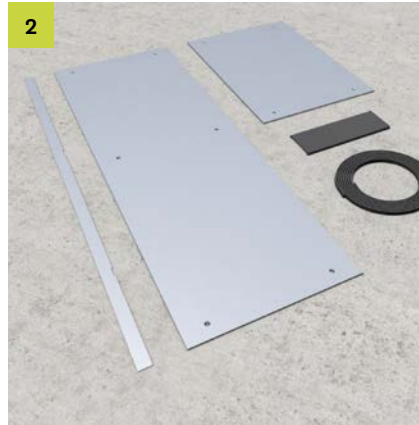




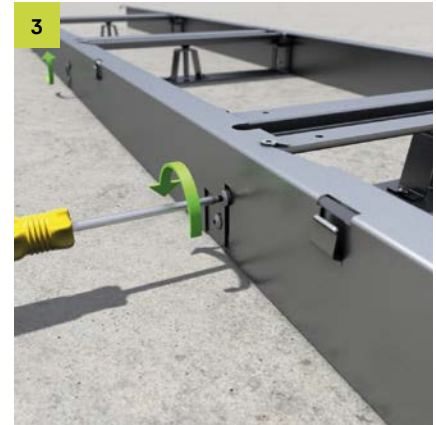
Please note the information on the last page!



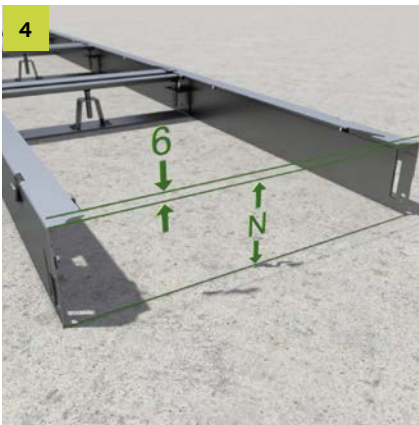
1
Screed-flush duct UBSF, consisting of the base body with four levelling brackets, centre support, three screwed crossbeams and one loose crossbeam including screws.



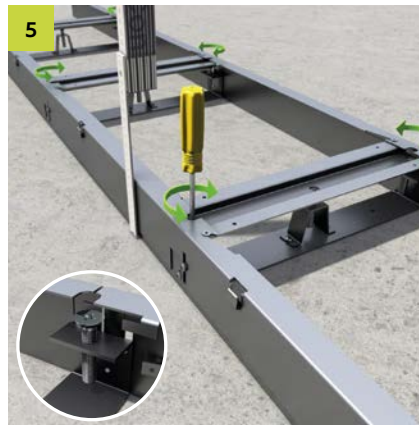
2
Accessories for screed-flush duct:
2x cover UBSFD (1 metre each)
2x adjusting strips UBSFPT
4x impact sound profile UBSFPTS
1 roll of rubber seal UGDB15



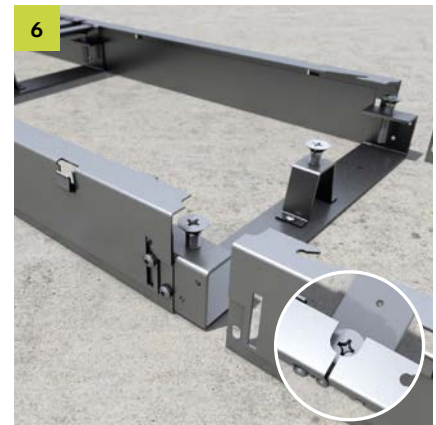
3
All upper screws must be loosened slightly on both duct walls. When delivered, these are tightened and provide stability during transport.



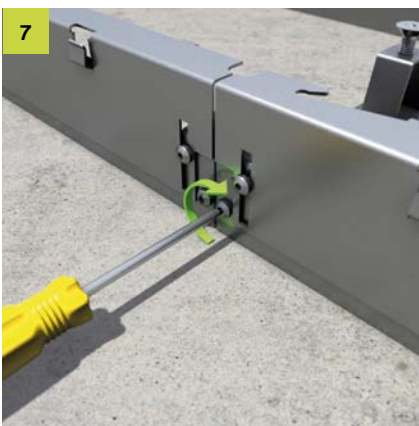
4
When setting the duct according to the metre tear, the thickness of the cover and the rubber seal (6 mm in total) must be taken into account. Screed height minus 6 mm.



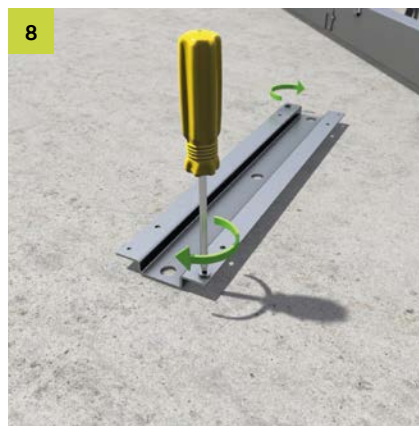
5
Level the duct system on both sides to the specified screed height using the upper screws. Screed height according to the metre tear. The duct system must not be loaded.



6
Place the ducts flush with each other. The two ducts are connected to each other via the levelling bracket. All levelling screws must be adjusted to the duct level.



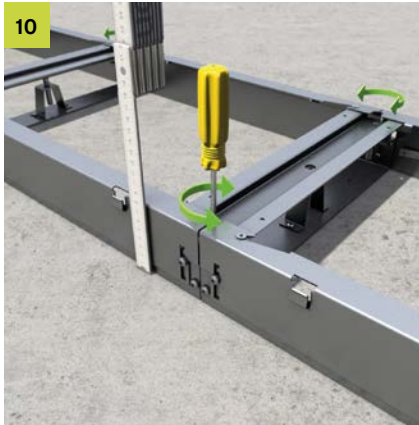
7
Tighten the lower screws on both sides. These are used to make the firm connection between the side wall and the levelling bracket.



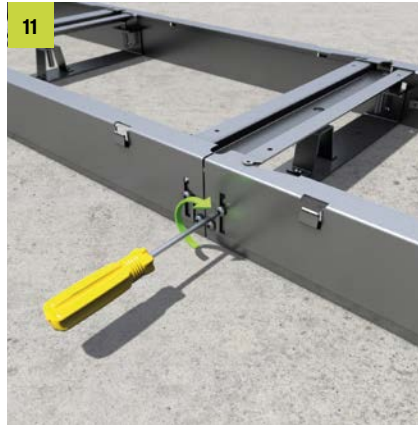
8
A crossbeam is used to stabilise and firmly connect the upper section of the duct. The loosely supplied crossbeam must be completed diagonally on both sides with the supplied screws before insertion into the duct.



9
To insert the crossbeam into the duct, the screws must be pushed into the mould opening. Secure both components via the upper screws against loosening.



10 Re-levelling the duct system to screed height on both sides and via the centre support using a laser or digital hose scale.



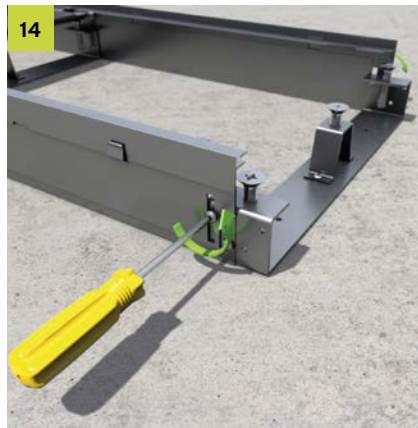
11 The base body and side walls are connected to each other by the upper screws on the duct wall. This fixes the set levelling height.



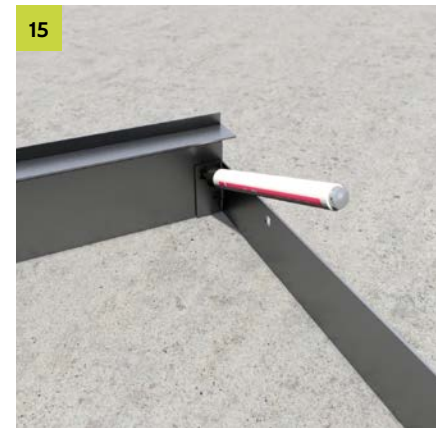
12 The adjusting strip can be inserted with the help of a rubber mallet.



13 The impact sound profile is clamped centrally on the crossbeam. The drill holes for fixing the covers must not be covered.



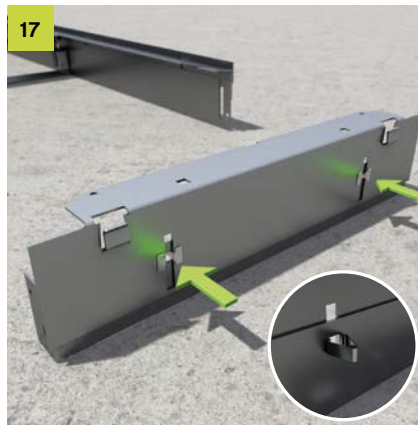
14 To mount the end piece, the levelling bracket and the associated screws must be removed.



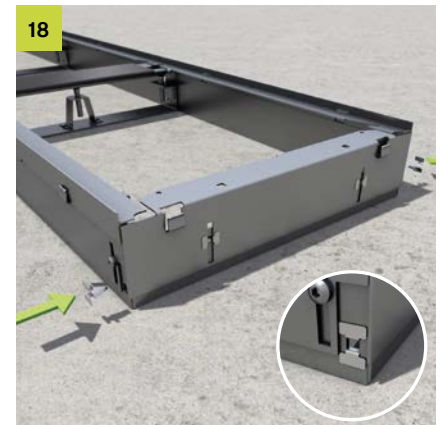
15 When the duct has been cut and the end piece is to be set, the end plate must be used to correctly position the connection holes ($\text{\O}7\text{ mm}$).



16 The scope of delivery of the end piece includes a top part, a bottom part and fastening clips.



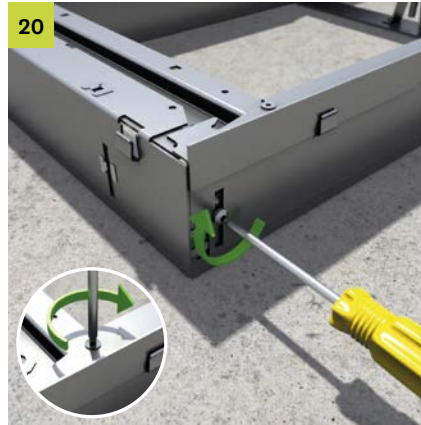
17 To assemble the end piece, the upper and lower parts must be connected to each other via the fastening clips.



18 The end piece is fixed to the bottom of the duct on both sides using the fastening clips.



For stabilisation, a crossbeam is inserted and fastened to the end piece from above by two fastening clamps.



All screws on the duct side and the crossbeam must be tightened. Adjusting strips must be ordered separately. Complete the duct on site with the rubber seal.

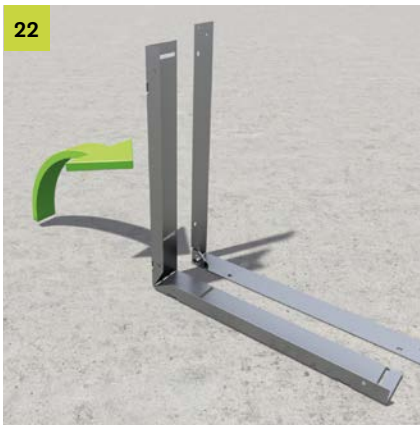


Scope of delivery corner formed part:

- a 4/6x UBDSLFL (levelling bade)
- b 1x UBSFMBSOI (top part inside corner)
- c 1x UBSFMBSUI (bottom part inside corner)

- d 1x UBSFMBUB (support plate)
- e Mounting clamps
- f 4/6x SEM 10 (nuts)
- g 1x UBSFMBSOA (top part outside corner)

- h 1x UBSFMBSUA (bottom part outside corner)
 - i 2x UBSFQTF (crossbeam)
- Cover and adjusting strips must be ordered separately.



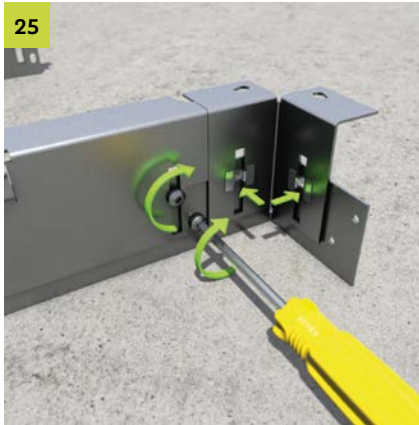
Bend the upper part of the outside corner and the bottom part of the outside corner at the perforation into a 90° angle.



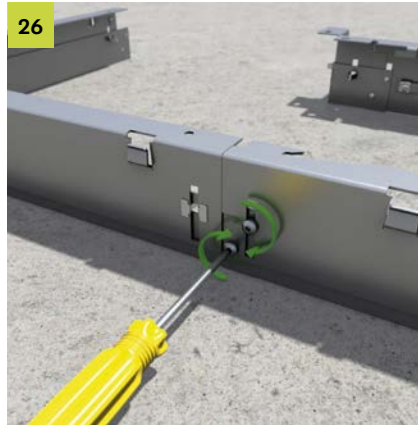
Complete the bottom part of the outside corner with the levelling screw and then connect both parts with each other using fastening clamps.



Connect and stabilise the outside corner using a support plate.



25
Bend the bottom part of the inner corner at the perforation into a 90° angle. Then connect the top part and the bottom part of the inner corner using fastening clamps and screw them to the side wall.



26
Screw the upper and bottom part of the outside corner to the side wall of the duct.



27
Complete the crossbeam with levelling base and then insert the crossbeam into the duct and level it to the correct height.



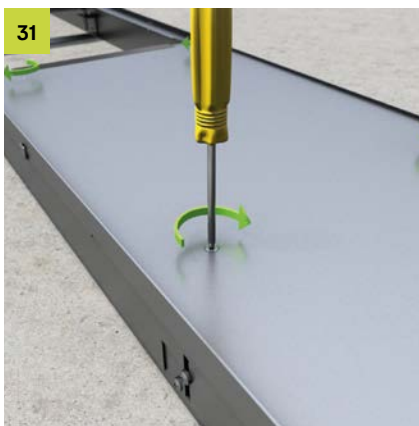
28
Secure levelling bases against loosening using lock nuts and shorten to the level of the crossbeam surface using a suitable tool.



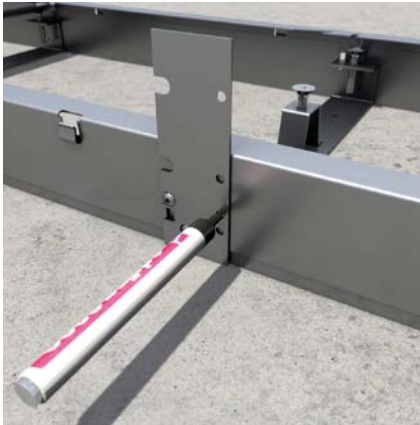
29
Complete the finished corner with the adjusting strip.



30
Complete the duct with impact sound profiles and rubber seal and fix the duct to the unfinished floor using duct fixings.



31
Complete the duct on site with the rubber seal. Align the blind cover on the duct and secure it from above using screws.



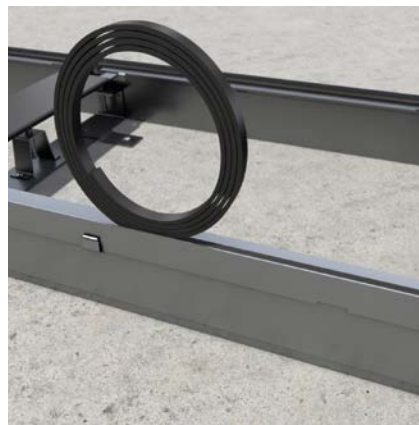
Place the cut duct at the end of the uncut duct and level it to the same height. Place the template over the screws on both sides and drill holes ($\varnothing 6$ mm) opposite the screw heads. Screw the cut duct to the levelling support.



The missing fixing holes for the crossbeam must be re-drilled with a diameter of 6 mm in the cut duct section. The crossbeam can be used as a drilling template for this. A crossbeam must always be placed between two duct sections.



The adjusting strip can be set to 0 mm or 3 mm level. At 0 mm level, the notches in the adjusting strip are set flush with the side wall brackets. At 3 mm level, the notches are positioned next to the brackets. To do this, turn the adjusting strip horizontally by 180°.



The rubber seal is glued to the cover support surface on both sides. The bonding surface must be free of dust and dirt.



Notes

- We recommend first aligning the duct, then fixing it to the unfinished floor and then loosening the transport lock.
- Centre support only for the widths 400, 500 and 600 mm.
- Standard delivery length of the covers is 1 m. On request 0.5 m.
- Covers are supplied separately and not screwed on.
- Separators are optional.
- Observe torque values according to DIN EN 50085-1: M4: 1.2 Nm; M5: 2.0 Nm
- The duct system must be included in the equipotential bonding. The UEBSEL set can be used for this purpose.



Required tools

- Laser/spirit level
- Folding ruler
- Marking tool
- Drilling machine, drill bit ($\varnothing 6$ mm and $\varnothing 7$ mm)
- Jigsaw and circular saw
- File/deburring tool
- Screwdriver (Torx, cross and slot)
- Rubber mallet
- Ring and open-end spanner (size 17 mm)



Parts list crossbeam

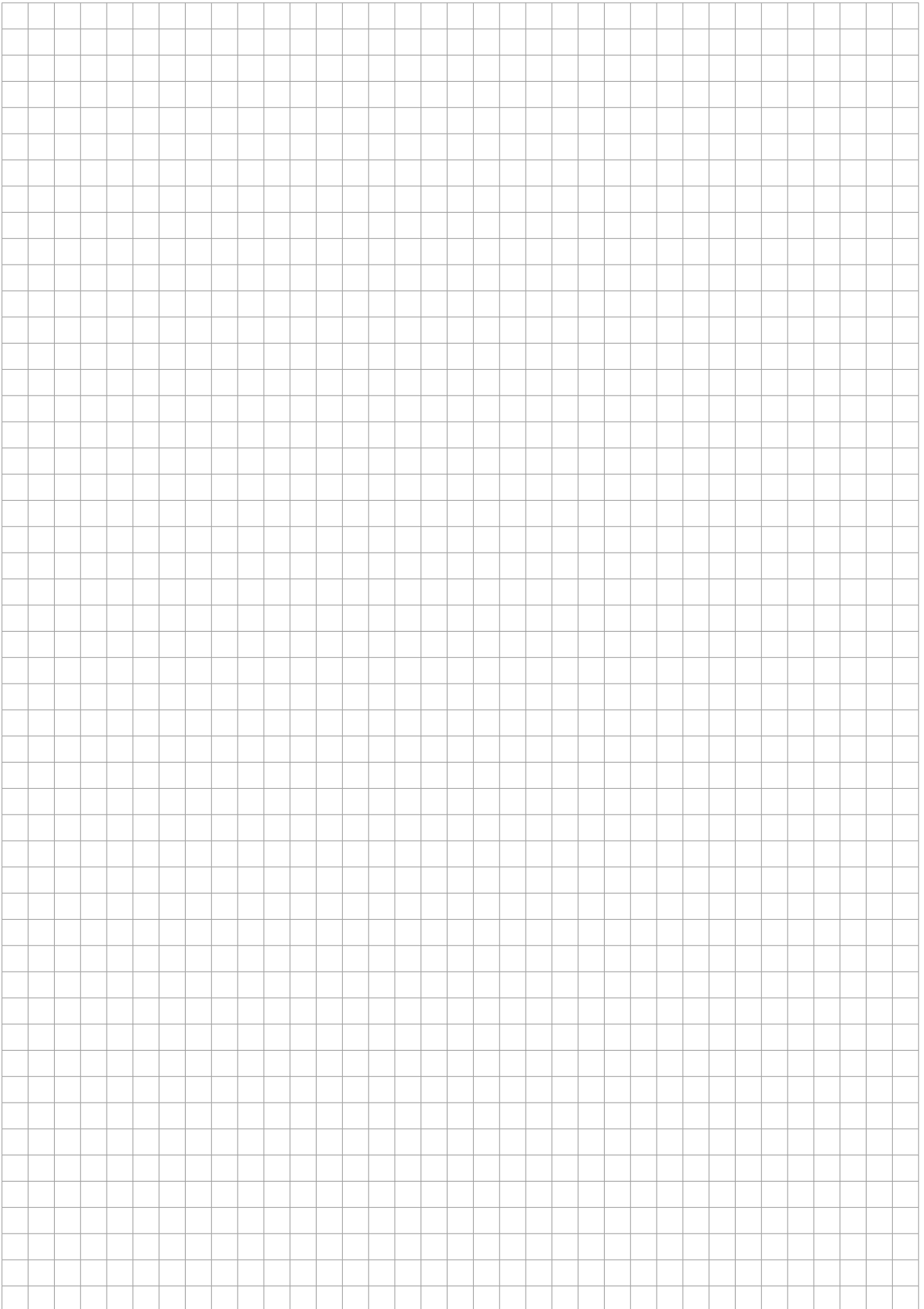
Screw type

- UKST M4x10 (ISO 14581)



Levelling heights

- 60 – 80 mm
- 75 – 105 mm
- 100 – 155 mm
- 150 – 240 mm



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