

MODULE STEPLADDER

ASSEMBLING INSTRUCTION OF THE MODULE STEPLADDER

Fastening of top curves **4** to module stepladder

1 M8x30 (11)

Fastening of top curves **4** to U- and L- fastener.

Fastening of U- fastener **6** to flat stepladder M8x40 (10)

Fastening of L- fastener **5** to roof.

Fastening of eaves support **7** to stepladder foot.

2 M8x40 (10) Fastening of eaves support **7** to eaves on lid screws (12) Fastening of fixing collar **3** to stepladder.

1 M8x25 (9) Fastening of foot **2** to fixing collar.

3 M8x40 (10) Fastening of foot **2** to bodywork on head bolt. (12).

PART LIST:

No. Item	Installation kit 1	Installation kit 2
1 Tikli 45 Module stepladder	pc.	pc.
2 Tikli 45 Wall foot 1,0 m	-	-
2 Tikli 45 Wall foot 0,75 m	4	6
3 Tikli 45 Fixing collar	-	6
4 Tikli 45 Top curve	4	6
5 L- fastener (to roof fastening)	2	2
6 U- fastener (fastening to the roof stepladder)	2	2
7 Eaves support	2	2
8 Rubber gasket (to L- fastener)	2	2
9 Screw 8x25 mm + nut	2	2
10 Screw 8x40 mm + nut	8	10
11 Screw 8x30 mm + nut	8	14
12 Head bolt 7x50 mm (HWA-screw)	2	2
13 Joint of top curve to roof bridge	14	18
	-	1

RECOMMENDED INSTALLATION MEASURES

STEPLADDER MEASURES

x (m)	Steps
1,20	4
2,40	8
3,00	10
3,60	12
4,20	14

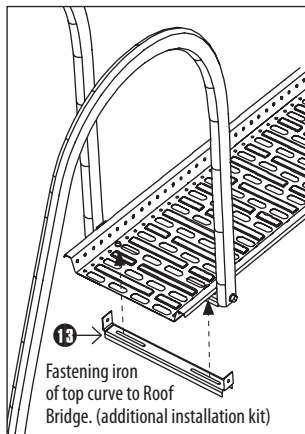
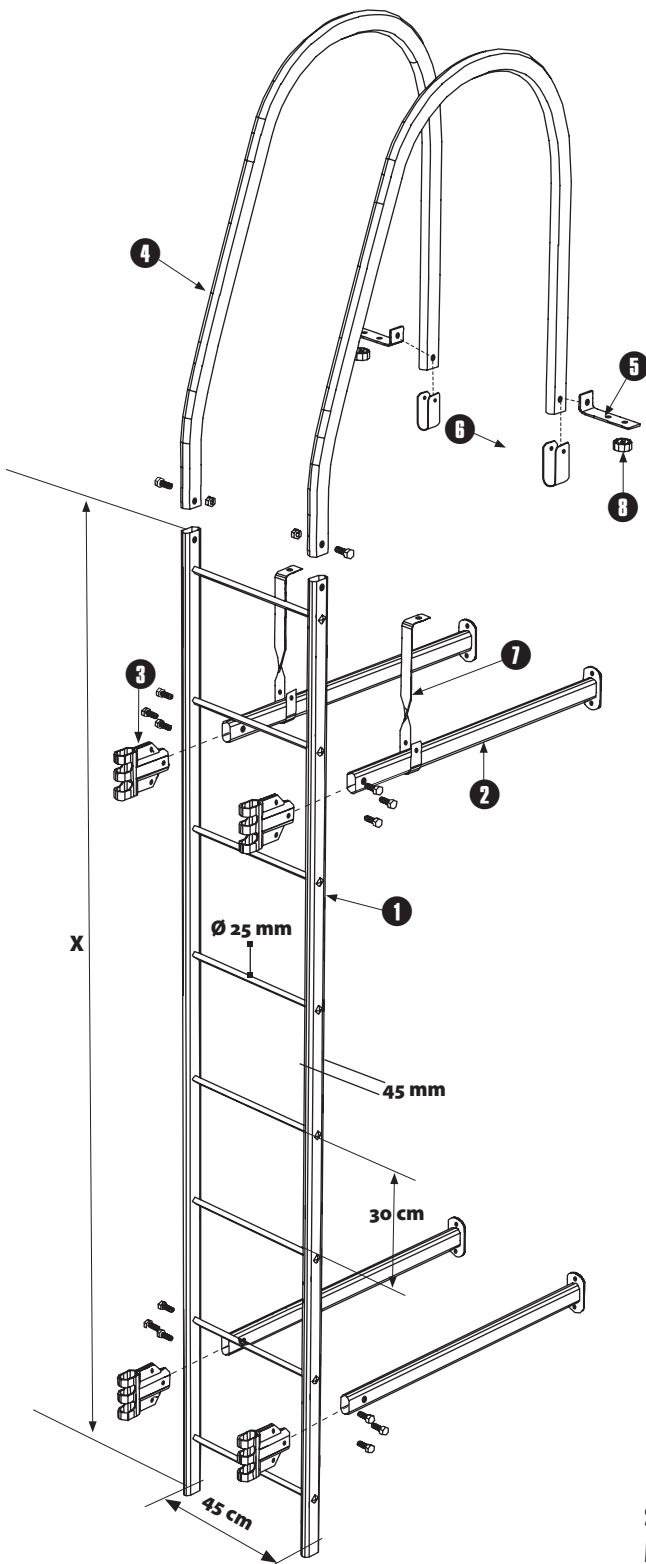


ISO 14001
BUREAU VERITAS
Certification



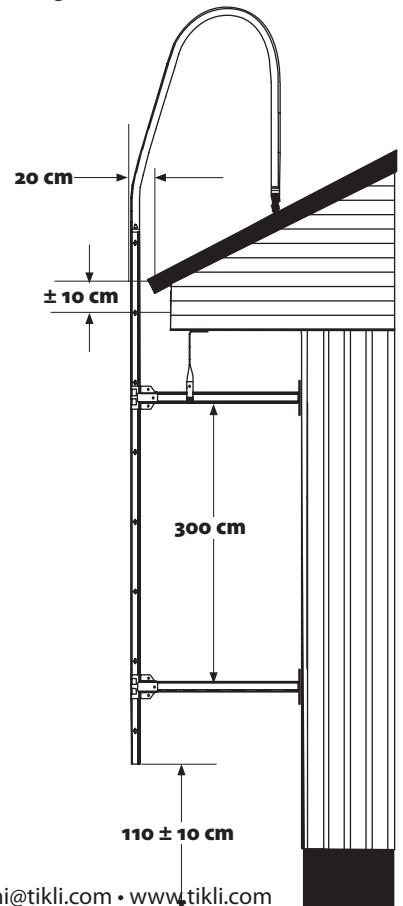
ISO 9001
BUREAU VERITAS
Certification

Tikli Group is certified for quality management and environmental management based on the ISO 9001 and ISO 14001 standards.



Fastening iron of top curve to Roof Bridge. (additional installation kit)

Gable installation



Installation of module stepladders

The wall foot must be fastened to as durable section as possible. Preferably to body constructions already at building stage of the wall, if it only is possible,

To fastening wall foot on wood we recommended head bolt fastening. To concrete fastening key screw fastening.

The eaves supports must be absolutely used if wall foot length is over 50 cm.

HINTS

If wall feet cannot be fixed directly to the body constructions, fastening can be made using example band iron or wood (A) as help. Roof sides end of top curve (part 4) is good to protect for installation time, that the coat of painted roof would not damaged during the installation.

INSTALLATION

1. Fix the top curves (part 4) to the stepladder (part 1). Fastening is performed with 8x30 screws and nuts.

2. Fix the wall feet (part 2) with the collar (part 3) to the stepladder. **N.B.!** The collar is bent against oval pipe to its right form. The collar has to be set below the step. Ensure that all screws are fixed in the collar. The collar is tightened to the stepladder with 8x25 screws and nuts, after which the wall foot is fixed to the collar by 8x40 screws and nuts.

N.B.! Before installation of collar must be estimate the right fastening height to wall feet. Pay attention also to upper ends fixing point so that the eaves support (part 7) reach close to the eaves constructions.

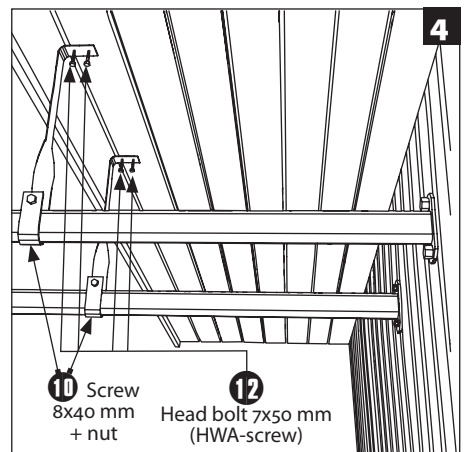
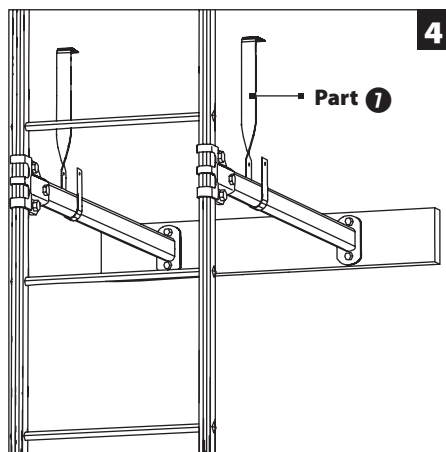
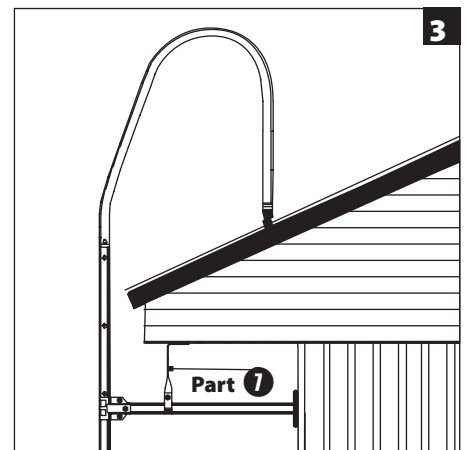
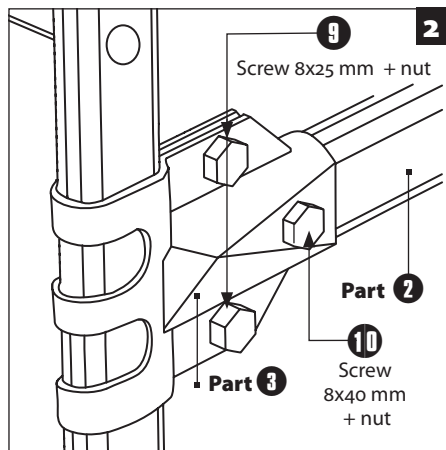
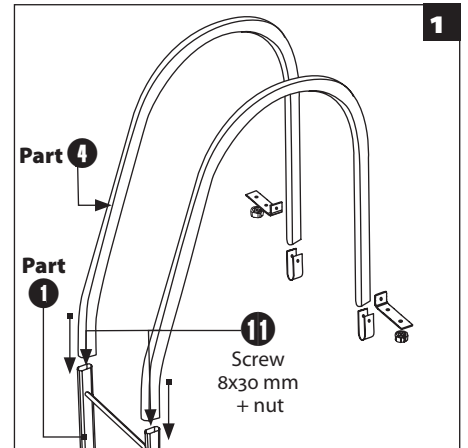
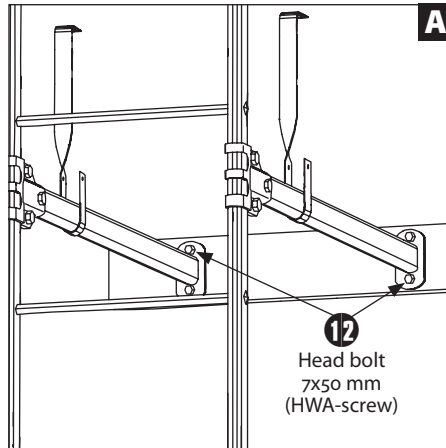
3. Set the stepladder in its place so that top curves correspond to ceiling or flat stepladders. The up most step of the stepladder must be in 10 cm. near the eaves level (look at the recommended installation measures). If the pitch of roof is so big that top curves are too long (the up most step rises over 10 cm. eaves level), top curve can be shortened by cutting them from the roof side in suitable measurement.

4. When the stepladder has been adapted to its place and top curves correspond to ceiling or flat stepladder, wall feet can be fixed to the wall. The fastening has to be robustly, preferably to the body constructions of the house made. If the foot length is over 50 cm, the feet must be supported with eaves support (part 7) which is fixed with screws and nuts 8x25 to the wall foot and with head bolts 7x50 to the eaves. The eaves support can be bent to find suitable fastening angle.

5. Fix top curves to the flat stepladder with U-fastener (part 6). If there are no flat stepladders on the roof, fastening will be performed with L-fastener (part 5) to the roof (preferably by the rod board if possible). The rubber gasket (part 8) is installed between the L-fastener and roof to prevent water flowing from the hole.

MAINTENANCE

Stepladders and safety roof products are long-lived and safe in use. This is guaranteed by constant quality control and development of Tikli Group and by use instructions. The user must make the following annual inspections and service operations to secure safe use and performance of products.



MEASURES TO BE PERFORMED:

- Checking of joints (tightening of bolts, etc.).
- Checking of wall and roof fastenings.
- Checking of the compactness of perforation sections of roof fastenings.
- Cleaning of the excessive snow load to minimise the stress of structures and joints (several times in winter if needed).
- Checking of the surface painting and zinc coating of products and correction and repair painting of local faults.

