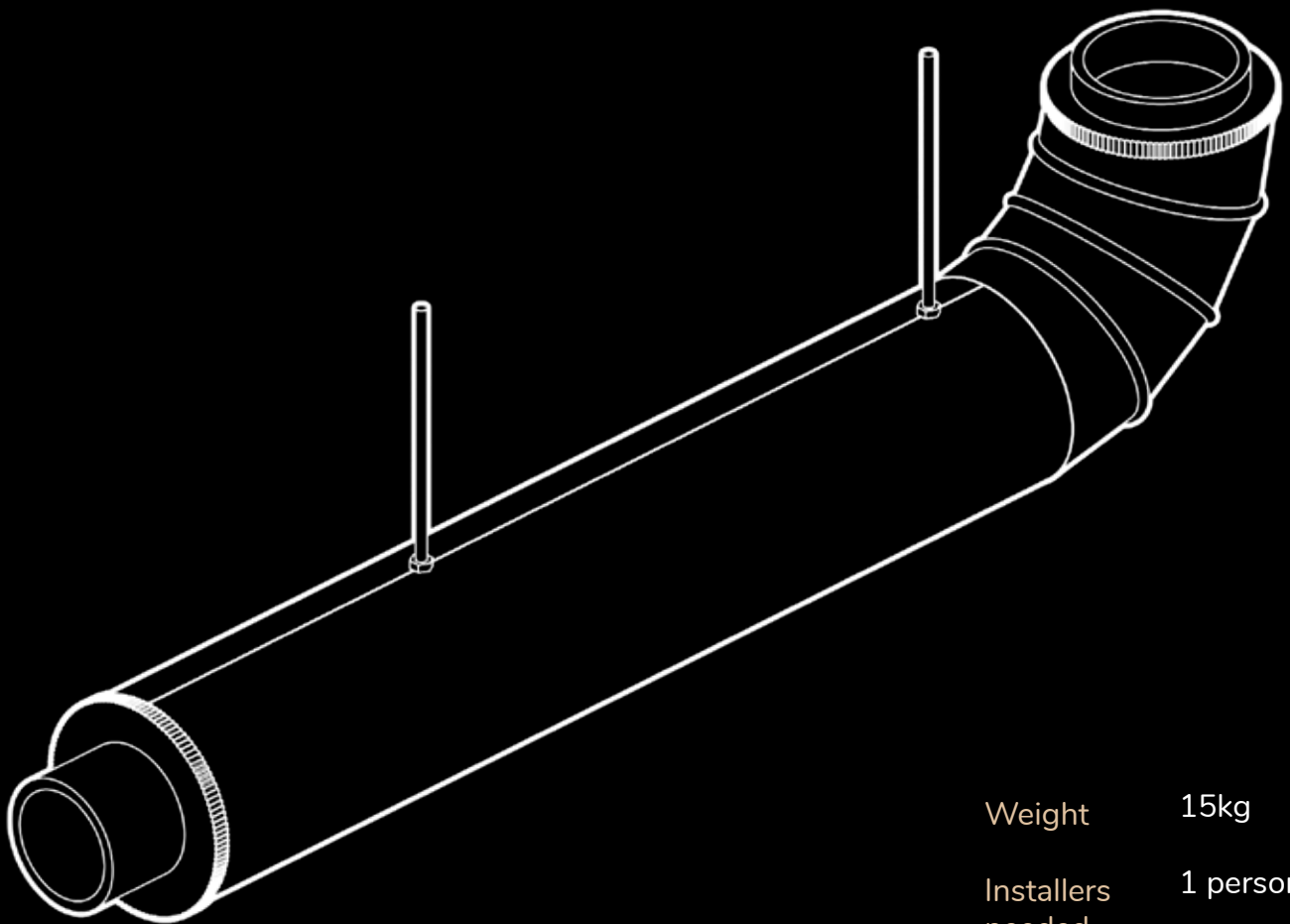


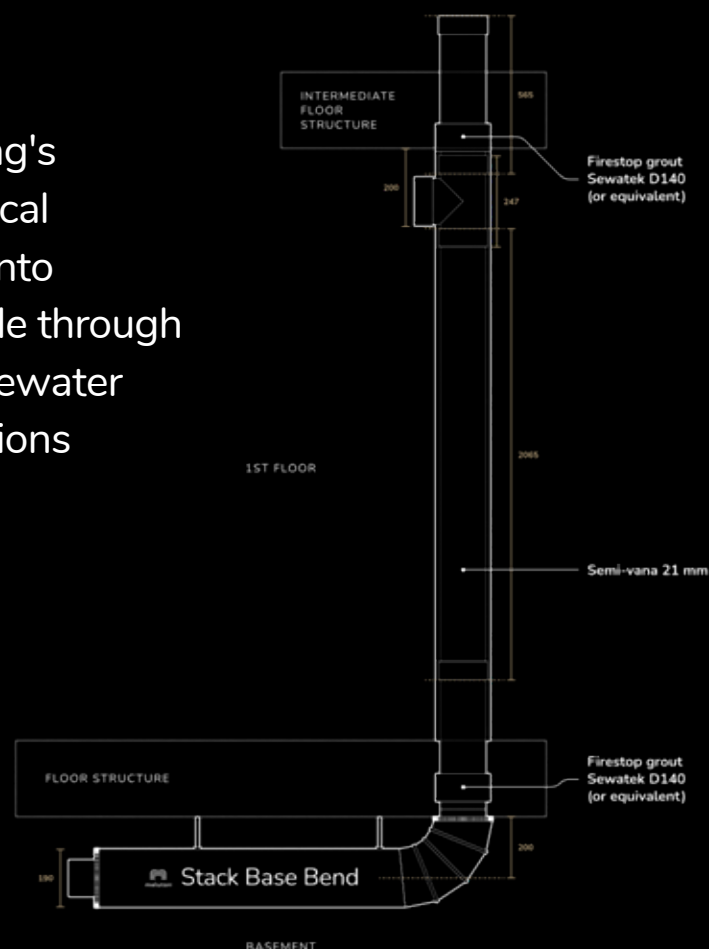
Meluton Stack Base Bend



Weight	15kg
Installers needed	1 person

The greatest source of noise in a building's drainage system occurs where the vertical drainage stack turns beneath the floor into a horizontal drain. This transition is made through a stack base bend, where flowing wastewater generates significant noise. These locations therefore require carefully designed sound insulation.

Traditionally, the stack base bend is cast in concrete on-site, requiring the construction of a casting mould, the concrete pouring itself, and finally the removal of the mould.



Alternatively, the concrete stack base bend can be delivered to site as a prefabricated element. Both methods are time-consuming, as concrete is a heavy sound-insulating material.

The Meluton Stack Base Bend is the lightest and most efficient sound-insulating solution. Supplied pre-cut and ready for installation, it can be installed by a single person in just a few minutes.

These installation instructions have been prepared for use with the Geberit Silent Pro drainage system but are also suitable for installation in all European standard-size drainage systems.

Installation

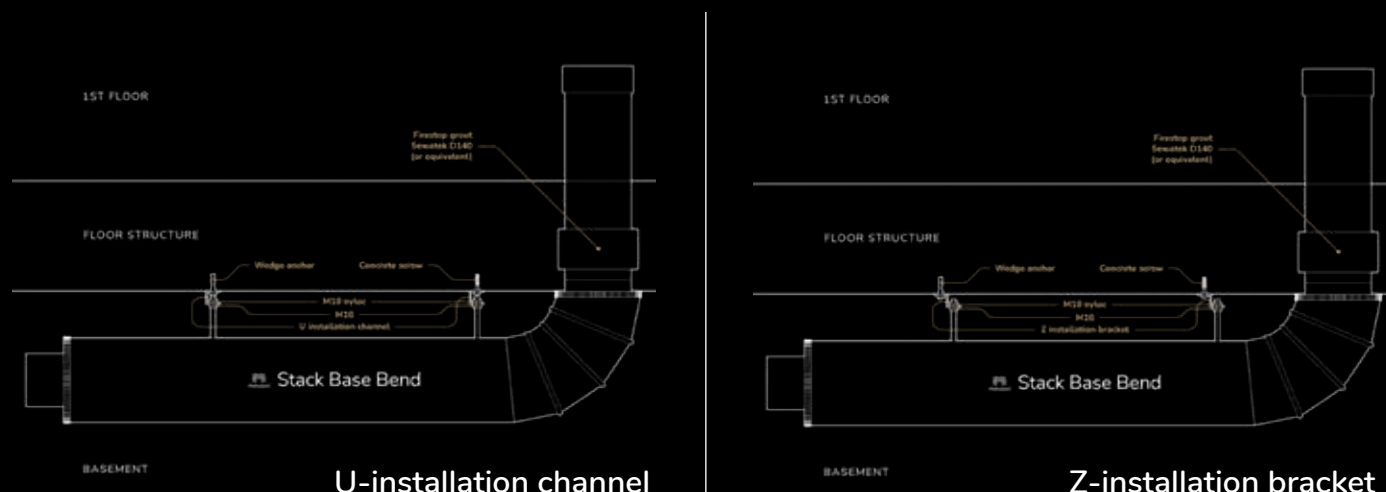
Required mounting accessories

- Mounting channel or installation brackets
- Channel nuts and hook bolts
- M10 × 60 mm wedge anchors or equivalent

1. Install the fire collar on the vertical drainage stack

Begin the installation by securing a Sewatek D140 fire collar (or equivalent) to the end of the vertical drainage stack within the intermediate floor structure.

Note: The height of the end of the vertical drainage stack determines the installation height of the Meluton Stack Base Bend. The distance between the end of the vertical drainage stack and the underside of the intermediate floor structure must be 0–45 mm.



2. Install the mounting channel or installation brackets

Determine the required orientation of the Meluton Stack Base Bend.

Install the mounting channel centred on the drainage line, in line with the drainage pipe. Measure and mark the positions of the U-mounting channel or Z-installation brackets on the ceiling, then secure them firmly in place using M10 × 60 mm wedge anchors or equivalent.

3. Install the Meluton Stack Base Bend

Apply lubricant to the end of the vertical drainage stack and to the socket of the Meluton Stack Base Bend.

Position the Meluton Stack Base Bend in place. If necessary, shorten the M10 threaded rods by 10 mm. Install the Nyloc nuts on the upper side and tighten them.

Raise the Meluton Stack Base Bend to its final installation height by adjusting the nuts on the mounting hooks. Carefully guide the socket of the Meluton Stack Base Bend onto the end of the vertical drainage stack.

Tighten the nuts evenly until the end of the vertical drainage stack is fully seated in the socket of the Meluton Stack Base Bend. Using a spirit level, adjust the Meluton Stack Base Bend to a 1% gradient.

4. Firestop grouting

Complete the installation by pouring the firestop grout into the opening in the intermediate floor structure.

Before grouting, prepare a support formwork to cover the opening between the Meluton Stack Base Bend and the intermediate floor structure.

Lift the support formwork into position against the ceiling. Drill Ø 5 mm holes through the fixing holes in the support formwork into the ceiling, then secure the formwork using hammer-set anchors.

