

Installation Instructions HT Safe®

We refer to the following standards and regulations as basis for the installation and use of our discharge pipe system HT Safe:

DIN EN 12056 Gravity drainage systems inside buildings

DIN 1986-100 Drainage systems on private ground - Part 100

DIN 4109 and VDI 4100 Sound insulation in buildings

1. Field of application

The following instruction describes how the HT Safe pipes and fittings - for discharging media in foul water, rainwater and ventilation pipes inside buildings - are to be handled, stored and mounted.

Orders for laying the detailed waste water piping systems are only to be placed with companies with a pool of trained operating personnel. The instruction is only for installing genuine pipes and fittings involving the use of the genuine sealing elements and lubricants.

2. Transport, handling and storage

Unpalletized pipes should be laid completely flat along their entire length during transport. Heavy shocks – especially in freezing temperatures – must be avoided. For loading and unloading wide canvass lifting harnesses must be used.

Pipes and fittings may be stored outdoors; pre-installed sealing elements should not be stored longer than two years.

The following points must be observed when laying pipes:

- Pipes must be stored in a stable position so that no deformation or sagging can take place.
- The pipe sockets must be free, both in the vertical and horizontal directions.
- A stacking height of 1.5 meters should not be exceeded.

3. Cutting to length and beveling

Cutting pipes to length is done at right angles by using a pipe cutter or a fine-toothed saw. The cut edges must be deburred. The pipe end is then beveled with a beveling tool or by using a coarse file at an angle wof approx. 15° as shown in the following figure.

Beveling dimensions								
DN/OD	32	40	50	75	90	110	125	160
b (mm)	3,5	3,5	3,5	3,5	4,5	4,5	5,0	6,0

