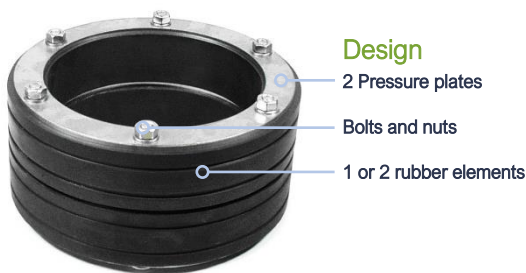


# Annular Space Sealing

Mechanical seal for wall entries of pre-insulated pipes Flexalen<sup>®</sup>



## Required Tools

Cleaner

Tissues

Torque wrench

## Application Instruction

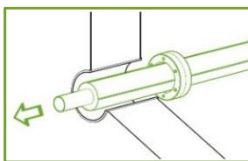
### Application conditions and pipe preparation

- Wall / foundation must be strong enough for the hole needed for the annular space sealing
- Transit and outer casing are undamaged and free from dirt and moisture

Item Code	Casing pipe OD [mm]	Cored hole D [mm]	H [mm]
1760-090150-000	90-91	150	80
1760-110200-000	110-111	200	80
1760-125200-000	125-126	200	80
1760-140200-000	140-142	200	80
1760-160250-000	160-162	250	80
1760-180250-000	180-182	250	80
1760-200250-000	200-202	250	80
1760-225300-000	225	300	80
1760-250350-000	250	350	80
1760-315400-000	315	400	80
1760-450600-000	450	600	80

#### 01.

Drill a hole in the wall. If sleeving the hole with a PVC pipe sleeve, create a hole larger than the PVC pipe sleeve diameter. If not using a PVC pipe sleeve, then simply drill the hole according to the required value (see table above).



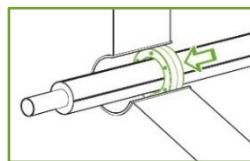
#### 05.

Feed the pipe with the annular space sealing in place through the hole in the wall.

#### 02.

Cut the PVC pipe sleeve to the required wall thickness. Insert the PVC pipe sleeve and seal in place with mortar.

**Attention!** Follow the instruction from the PVC pipe supplier.

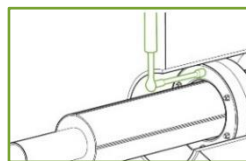


#### 06.

Position the annular space sealing level with the outside face of the wall.

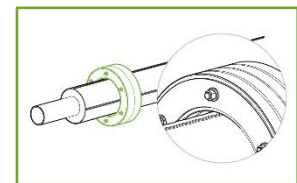
#### 03.

Seal the inside surface of the PVC pipe sleeve or core-drilled hole (if not using PVC pipe sleeve) with epoxy resin.



#### 07.

Tighten the nuts clockwise (starting at 12 o'clock) by using a torque wrench.



#### 04.

Clean the outer casing of the pre-insulated pipe and make sure it is undamaged. Fit the annular space sealing on the casing. The annular space sealing nuts must face the inside of the building unless access is restricted.

Bolt size	Max. tightening moment [Nm]
M6	5
M8	8
M10	10
M12	15

**Attention!** The nuts have to be tightened gradually with a maximum of 2-3 turns at a time. Repeat this process until the correct tightening torque is reached (see table above). After 2 hours tighten all nuts again with the correct tightening torque.

### Disclaimer

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