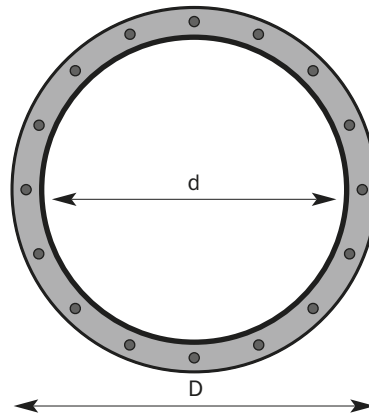
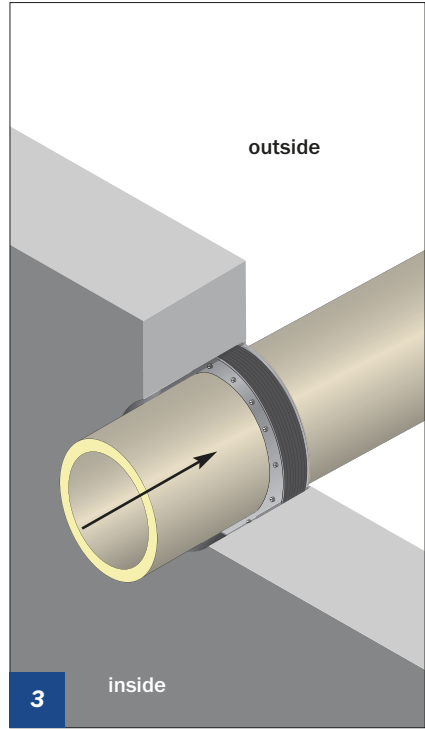
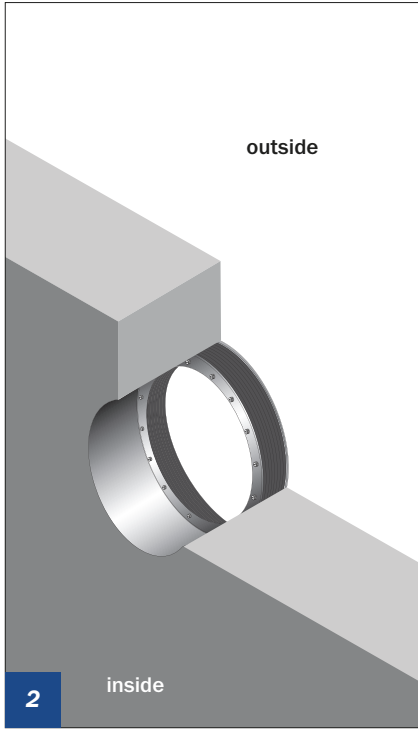
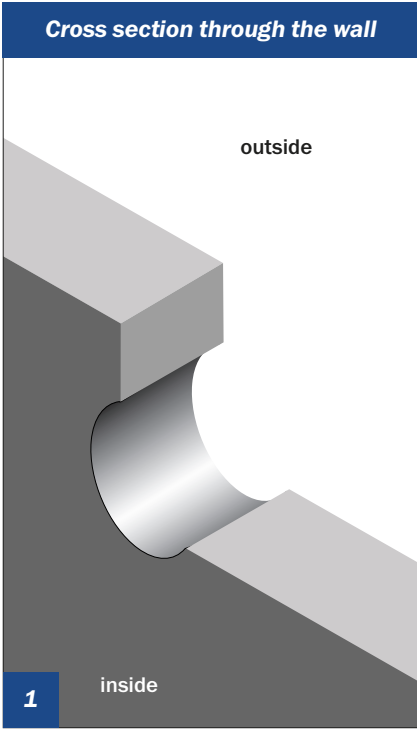


The clean solution to run the air duct through the brickwork, walls and floor plate



Duct diameter and the according size of the ring seal

LAVANTUS® – underground installed air ducts		LAVANTUS® ring seal	
nominal diameter mm	outside diameter mm	d mm	D (core drilling) mm
200	270	282	350
250	320	324	400
300	370	376	500
355	455	465	600
400	500	516	600
500	600	606	700
600	700	708	800
710	810	818	900
800	900	908	1000
900	1000	1008	1100
1000	1100	1108	1200
1250	1370	1378	1500



Check before if core drilling and duct diameter match specification of the ring seal. (see table p. 5.22).

Do a core drilling through the concrete wall, clean the drill hole.

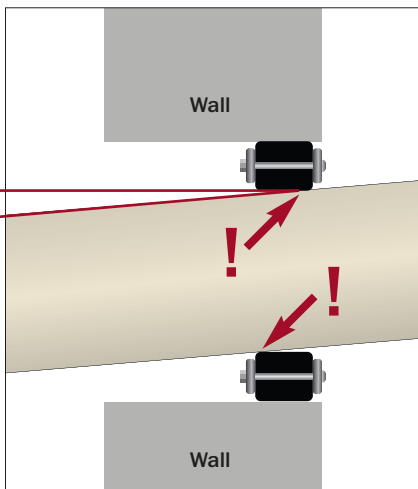
Note: The core drilling can be coated with epoxy resin to smoothen possible uneveness.

Push ring seal to the end of the core drill, so that it comes exactly to the end of the building exterior.

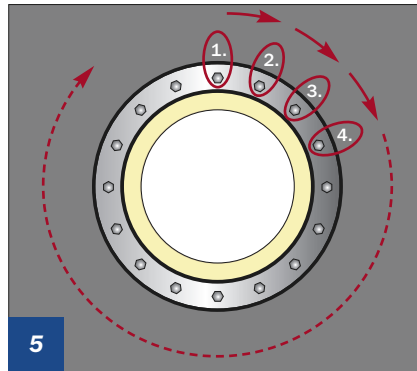
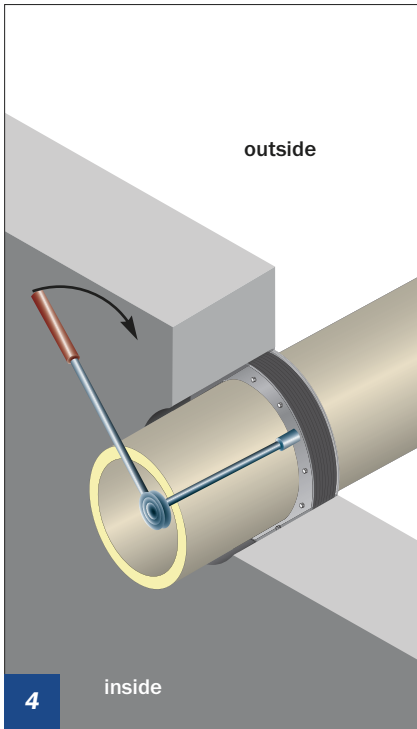
The direction of the clamping nuts has to be put in such way that they can be tightened from the building interior.

The surface of the duct must be clean, clean it if necessary. Push LAVANTUS® underground installed air ducts through the ring seal, support if necessary.

The ring seal does not serve to centre or secure the air duct against buoyancy. Other structural measures should be taken for this purpose.

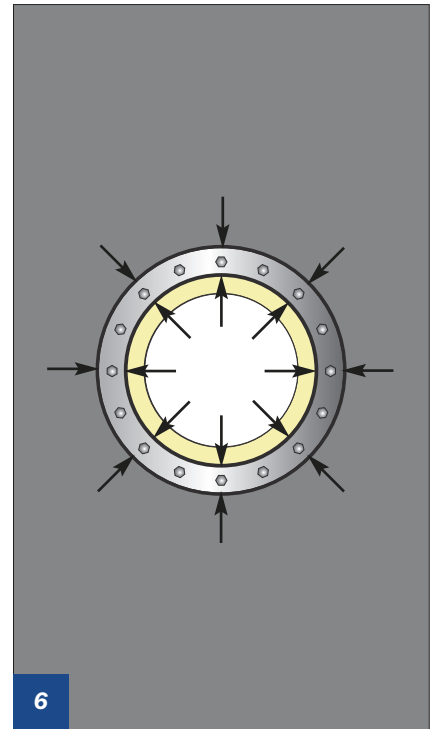


Attention!
The slope of the air duct must not be greater than 2 % because leaks can occur.



The nuts are tightened one after the other in a clockwise direction.

The torque should be achieved in several rounds with approx. 3 turns per nut.



Final visual inspection if the ring seal fits closely along the duct and along the core drilling of the LAVANTUS® underground installed duct circumferentially.

Tighten the clamping nuts with a torque wrench from inside.

Please note the permitted torque allowed indicated on the ring seal.

nominal size air duct mm	outside diameter air duct mm	bolt	max. tightening torque Nm
200	270	M8	8
250	320	M8	8
300	370	M10	22
355	455	M8	8
400	500	M8	8
500	600	M10	22
600	700	M12	26
710	810	M12	26
800	900	M12	26
900	1000	M12	26
1000	1100	M12	26
1250	1370	M12	26