Specifications for the design of waterstops according to DIN 18197

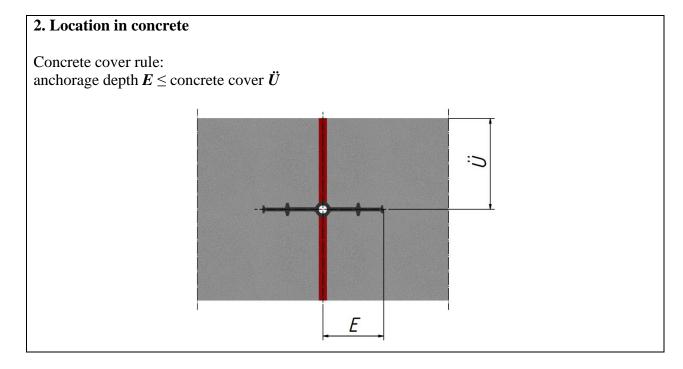


DIN 18197 regulates the design principles, the installation and the joining technology as well as the dimensioning of waterstops, taking into account all the principles mentioned in this DIN.

1. Joint width

The design diagrams are valid for an initial joint width / nominal joint W_{nom} width for internal expansion waterstops and cap seal waterstops of 20 - 30 mm and for external expansion waterstops of 20 - 25 mm.

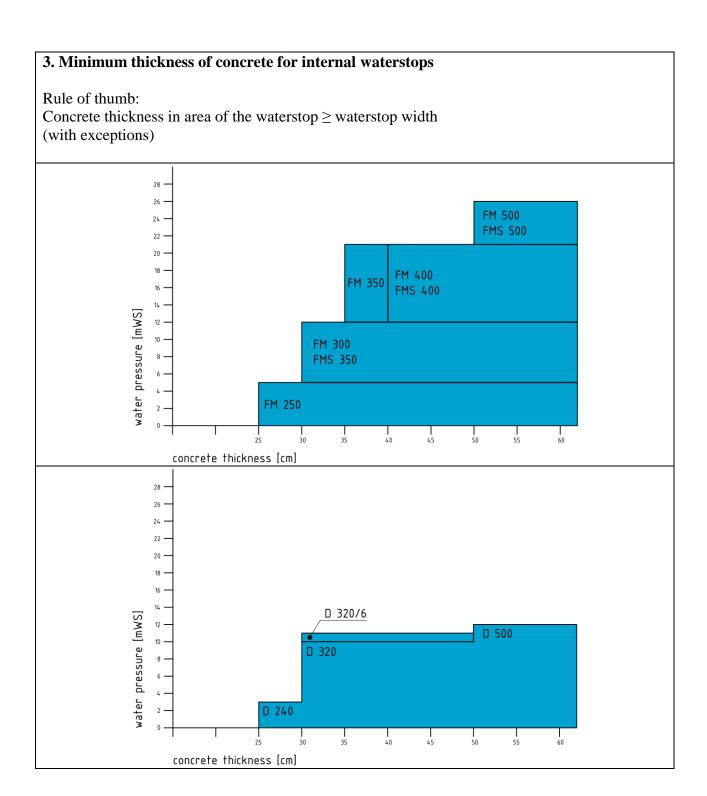
Waterstop	Design / type	Width of joint W _{nom}
I	FM, FMS, DA	20 - 30 mm
	FAE, FA	20 - 30 mm
IITII	AM, DA	20 - 25 mm



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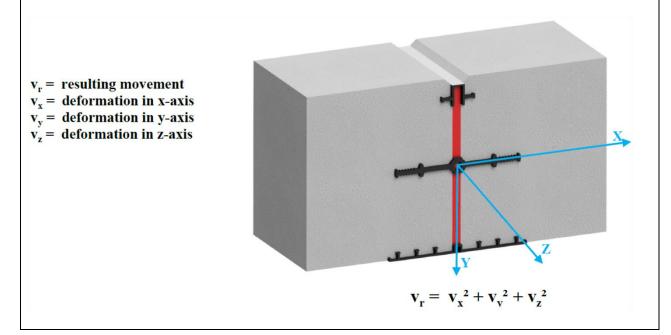
4. Design (water pressure and movement)

- a) For waterstops in accordance with DIN 7865 and DIN 18541, the design rules in accordance with DIN 18197 shall apply. Depending on the individual case assessment, the respective profiles may also be suitable for higher loads.
- b) For PVC-P waterstops, the dimensions given in the ABP (general building inspectorate test certificate) apply.

Design water-level:

The highest expected ground, strata or flood level.

Filling water level in containers.



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