Bituminous sleeve: flexible protection against capillary rising damp

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Press release

The new bituminous sleeves from Dallmer reliably protect the structure from capillary rising damp. As accessories within the DallDrain family in nominal widths DN 50 and DN 100, they are used wherever protection against capillary rising damp is required on floor drains in the area of components in contact with the ground.

The challenge of implementation

In many cases, the bitumen membrane required for sealing is firmly attached to the drain body with a clamping flange. This means that the drains must be embedded in the floor slab so that the waterproofing flush with the surface and without cavities.

There are two options for this design: 1. subsequent mortising: This involves manually working on the floor slab at a later date, which takes considerable time and effort. 2. pre-planning of recesses: Here, areas are left free during the planning stage that will be grouted later. However, this leads to additional work steps such as coordinating the trades and travelling to the construction site. Both variants involve increased effort.

The solution: simple, safe and time-saving

Thanks to the new bituminous sleeves from Dallmer, the drain bodies no longer need to be incorporated into the concrete slab. This eliminates increased planning effort and additional work steps such as chiselling, shuttering recesses and subsequent pouring. They can also be installed in just a few steps: A big plus is the positioning aid integrated into the construction protection cover. It enables quick and easy alignment of the ready-to-install sleeve at the installation point and defines a clear separation between the trades carrying out the work. Correct positioning of the bituminous sleeve on the floor slab prevents cavities from forming within the waterproofing. The drain body is also easy to install as it is inserted directly into the drain pipe. The system also impresses with its flexible height adjustment and compact design.

Protection during and after the construction phase

Another advantage: the sleeves and floor drains are only installed when they are actually needed. This guarantees optimum protection of the structural waterproofing against soiling and damage during the construction phase. In addition, tripping hazards caused by drain bodies that are installed too early are avoided. The sealing sleeves ensure reliable sealing against rising capillary rising damp in accordance with DIN 18533. While the bituminous sleeve is being welded on, the protective cover protects the lip seal and the drain pipe from the effects of heat and soiling. Floor drains can also be replaced at a later date without damaging the structural waterproofing.

Further information:

dallmer.com