

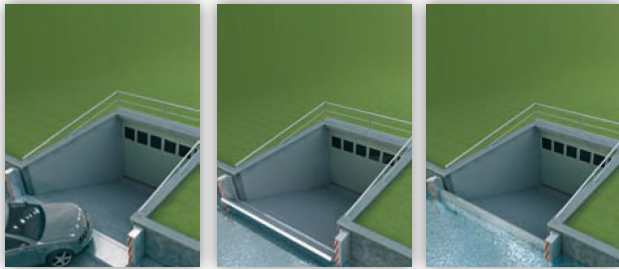


Water stop!

Anhamm spillbarrier



anhamm



Spillbarrier for sealing off underground garages and accesses

The sealing off of buildings threatened by large amounts of water (e.g. cellars, underground garages, company buildings) due to flooding, thaw or rainfall is guaranteed by the patented anhamm spillbarrier used as a flood barrier.

Characteristics

- Automatic closing without external sources of energy
- Low space requirements
- Alignment of the design to local conditions
- Free traffic routes since accessible with car, forklift truck, lorry etc.
- Minimal installation effort
- Processing of high-end materials (stainless steel)
- Low maintenance costs
- Sealing within the system – no outside surfaces, water tightness guaranteed by this
- Always ready for use since installed in a stationary manner – also functions in absentia



Anhamm spillbarrier for sealing off underground garages and accesses

Using the anhamm spillbarrier at the entrance to an underground garage. Severe rainfall, thaw and flooding – the penetration of large amounts of water into underground garages, cellars, as well as deep building parts often has catastrophic consequences. The losses quickly add up, since high asset values can be eliminated in the shortest time, e.g. if a number of cars are housed in an underground garage. Through the installation of the patented anhamm spillbarrier as flood barrier and/or flood protection garage entrances and cellar entrances can be optimally protected from a technical, optical and above all commercial point of view.



Activating the barrier without external energy

- Automatic activation of the flap through inflowing fluid
- External sources of energy are not needed, no electronics, pneumatics and no hydraulics
- Alignment of the spillbarrier to the individual architectonic needs possible
- Floor level safe use for problem free driving over with forklift truck, lorry, car etc.
- Processing of high-end materials which withstand the loads in the event of damage.
- Low maintenance costs – no operating costs



anhamm

GERMANY

Anhamm Liquid Barrier Products GmbH
Franz-Haniel-Str.47
D-47443 Moers

Tel.: +49 2841-88 90 09-0
Fax.: +49 2841-88 90 09-9

www.spillbarrier.com · info@spillbarrier.com

Spillbarrier as flood barrier

The sealing off of buildings threatened by large amounts of water (e.g. cellars, underground garages, company buildings) due to flooding, thaw or rainfall is guaranteed by the patented anhamm spillbarrier used as a flood barrier.

Suitability and use

anhamm barrier as flood protection e.g. for underground garages, cellar entrances and exits:

The anhamm barrier helps with the danger of water penetrating from the outside (severe rainfall, overflow of channel and over flow tanks, thawing, downpours). The penetration of large quantities of water into buildings often has catastrophic consequences. The losses quickly add up. In all areas of use your property must be protected from greater damage and value losses and through this the asset values should be maintained, while attempting to avoid or at least limit damage with its disastrous effect.

Quality control

selfmonitoring through:
On-site production controls

Description:

Delivery and service scope

The anhamm spillbarrier is delivered as a complete and functioning assembly unit, all adjustment works should have already been carried out by Anhamm-on-site. The anhamm spillbarrier is individually tailored to the respective planning case, whether with new builds or conversions. It guarantees the automatic retention of penetrating liquids.

Build, function

The anhamm spill barrier is an automatic device for installation before the gate and door-openings to retain every type of liquid. The anhamm spillbarrier is activated by leaking liquid. The barriers are constructed as floats: When the liquid flows into the barrier tub the flap located in there is pushed and floats up.

It does not require any external energy no hydraulics, no pneumatics and no electricity.

The only driving power is the inflowing liquid to be collected itself which gives the flap impetus. The anhamm spillbarrier is completely closed by traction from a certain liquid level and then pressed onto the seals by standing liquid. These seals are attached to the posts right and left of the gate and/or door-openings and on the floor along the threshold at the width of the seal, so that it immediately seals off the outflowing liquid when raising the flap. After raising the flap into the vertical closed position the flap is fixed in the vertical closed position using a hook, which can be manually triggered after use. It closes all gate and door-openings recorded.

Materials

anhamm spillbarrier:
Standard: Stainless steel, materials: 1,4301

Seals

Temperature, weather, and ageing resistant

Measurements

Anhamm spillbarrier
Barrier heights: 0.30 m to 6f. 7i
with FM approval max. 0.9 m
Dooropening widths: 2f - 100
with FM approval max.30f widths -
3f high

Euro class A1 (non-combustible)

Performance with fluid exposure

The spillbarrier becomes active with every type of leaking liquid to be caught. They are constructed as floats. Automatic closing is triggered by the liquid. With larger quantities of liquid occurring (e.g. rainwater) additional inlet slots or inlet grids are directly included and used with this . Please specify with the planner.

Characteristics of the flood barrier on the basis of the external installation.

In order to avoid a continual lifting of the flap with normal rainfall an outlet is installed into the barrier tub to connect a drain pipe to an existing waste water system. The flap is only released if the water runs into the tub quicker than it can flow off.

Maintenance

The anhamm spillbarrier promises low maintenance costs: Regular cleaning, check seals for rips and damages, manual functional test as stated by manufacturer. The barrier hardly incurs any operating costs through this. As needed and on request of the customer maintenance contracts can be concluded with the manufacturer in an individually necessary rota (e.g. yearly, twice a year).

Assembly

Installation completely carried out by the manufacturer or self-assembly with assembly support (SUPERVISION)
- No electrical or other connections necessary
- Preparation of the floor recess on-site or design by the manufacturer
- a wall must be built on-site onto which the posts of the anhamm spillbarrier can be connected in a liquid tight manner and the property is effectively sealed.

Onsite requirements

Floor recess: Preparation as prescribed by the manufacturer – drawing requested as PDF, dxf file or in paper format.

Special planning instructions

Static aspects should be noted when installing the spillbarrier in the covers. Possibly necessary static calculations will neither be carried out during the onsite or the subsequent creation of the floor recess by the manufacturer.

The building contractors have full responsibility. The manufacturer expects sufficient carrying capacity. Please contact the manufacturer early on, so that the information for the necessary floor recesses can be obtained directly from the planner from drawings of the manufacturer or the dimensions for the barrier can be checked with respect to space conditions on site. If it is necessary to

install the spillbarrier on public property, the building contractor should first fully clarify this with the property owner and obtain authorisation. If it is necessary and/or desired for optical reasons, the design of the anhamm spillbarrier can be aligned to its environment through special material selection and design (e.g. covering of the posts, alignment of the barrier surface to the local floorcoverings such as tiles).

General opportunities

Direct sale
Purchasing the product directly at the company Anhamm or purchase at the dealer in the respective country of the installation (if available).

Supply area

Worldwide

Delivery time

Depending on the type the offer is agreed
Average: 6 weeks after clarifying all the technical details

sale

Direct order at the plant