

Strong
but gentle to the
environment:



The material combines the positive features of concrete channels with the benefits of resin free cements by using a patented fiber enriched formula instead of the environmentally harmful resins.

FILCOTEN® is still unrivaled in the market place, being admired for its sustainability and its unique channel strenght. FILCOTEN® complies with the EN 1433 standard and the ASTM A12.6.3.2001 floor and trench drain standard.



HYDRO BG
Sustainable innovation

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Erste Campus, Wien – © Optigrün



HYDRO BG
Sustainable innovation.



High performance
concrete trench drains.

We always
do the same:
forge new paths.



Our products are in direct contact with the earth's water cycle.

We have been asking ourselves the question of how advancement and sustainability can be combined for many years. We set one goal when developing FILCOTEN®:

„It should be very environmentally friendly.“

Impact strength and environment-friendliness are just two of the many features which make FILCOTEN® unique.

We are very proud of FILCOTEN®. The fact it is completely neutral for the environment, from “cradle to grave“ and knowing FILCOTEN® has no negative effects on humans or nature, makes us confident we reached our goal of 100% sustainability.

Technology
in harmony
with nature.

A heavyweight when it comes to Engineered features:

With our FILCOTEN® mini channel, you don't have to compromise on quality or durability. It's stable yet lightweight, and can be adapted to site conditions. FILCOTEN® is available in galvanized or stainless steel rails up to class E 600 (acc. to EN 1433).

Ideal for threshold applications, the FILCOTEN® pro mini range is the most complete range of its class. We carry two different heights for 4", 6", 8" and 12" trench drains, starting at a height of 2.36".

Shallow trench drains reduce the need for thicker concrete slabs; lowering costs and allowing more flexibility in the design.

Channel geometry / surfacing

The flat inner surface of FILCOTEN® channels are highly crafted making each channel smooth, in order to minimize surface friction. This achieves the best possible flow and a superior self-cleaning effect.

Prefabricated sealant groove
Sealant groove for waterproof installations.

Perfect fit
Intelligently distributed fixing points, both on the inner and outer sides of the rails, guarantees ideal bonding with the FILCOTEN® material.

Anchoring and fixing recesses
In addition to the optimal concrete adhesion property of Filcoten the recesses grant a secure fit in the surrounding concrete base.

Galvanised steel rails
The special design of the galvanised steel rails allows for secure grating locking with the fiX self-locking system. Adjacent covering surfaces can easily be attached to the edges of the rails.

Fast and secure fiX snap-on-anchoring system
The intelligent fiX connection uses an amazingly simple and secure four-point, quick-release, intergal, spring loaded design to securely hold the grate in place.

Comprehensive product range:

- Front/end cap
- No hub bottom outlets
- Rebar support
- Option for protection against vandalism
- Grating variations

Various grating variations for FILCOTEN® mini



Mesh grating galv. or stainless steel cl. B through cl. D



Reinforced slotted galv. or stainless steel cl. A through cl. C



Perforated steel galv. or stainless steel cl. A through cl. C



Ductile iron slotted cl. C through cl. E

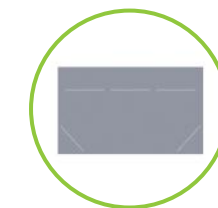


Ductile iron longitudinal cl. C through cl. E



COMBee composite - Honeycomb cl. C

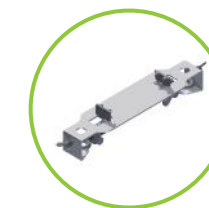
Suitable Accessories for FILCOTEN® mini



Front-/end cap FILCOTEN® mini



Anti-vandalism locking bar



Rebar clips



No Hub bottom outlet



FILCOTEN® pro mini with integral galvanized steel or stainless steel 4mm rails, channels NW 4" / 100 up to load class E600



FILCOTEN® pro mini with integral galvanized steel or stainless steel 4mm rails, channels NW 6" / 150 up to load class E600



FILCOTEN® pro mini with integral galvanized steel or stainless steel 4mm rails, channels NW 8" / 200 up to load class E600



FILCOTEN® pro mini H=4.75" / H=120mm with integral galvanized steel or stainless steel 4mm rails, channels NW 12" / 300 up to load class E600



FILCOTEN® pro mini H=11.81" / H=300mm with integral galvanized steel or stainless steel 4mm rails, channels NW 12" / 300 up to load class E600