

Fiber-Reinforced Trench Drains for All Applications

Up to Class E Load Rated

Temperature, Frost and UV Resistant

Superior Impact Stability

20x stronger than the competition

A Greener Choice

100% recyclable, 0% harmful substances

Non-flammable

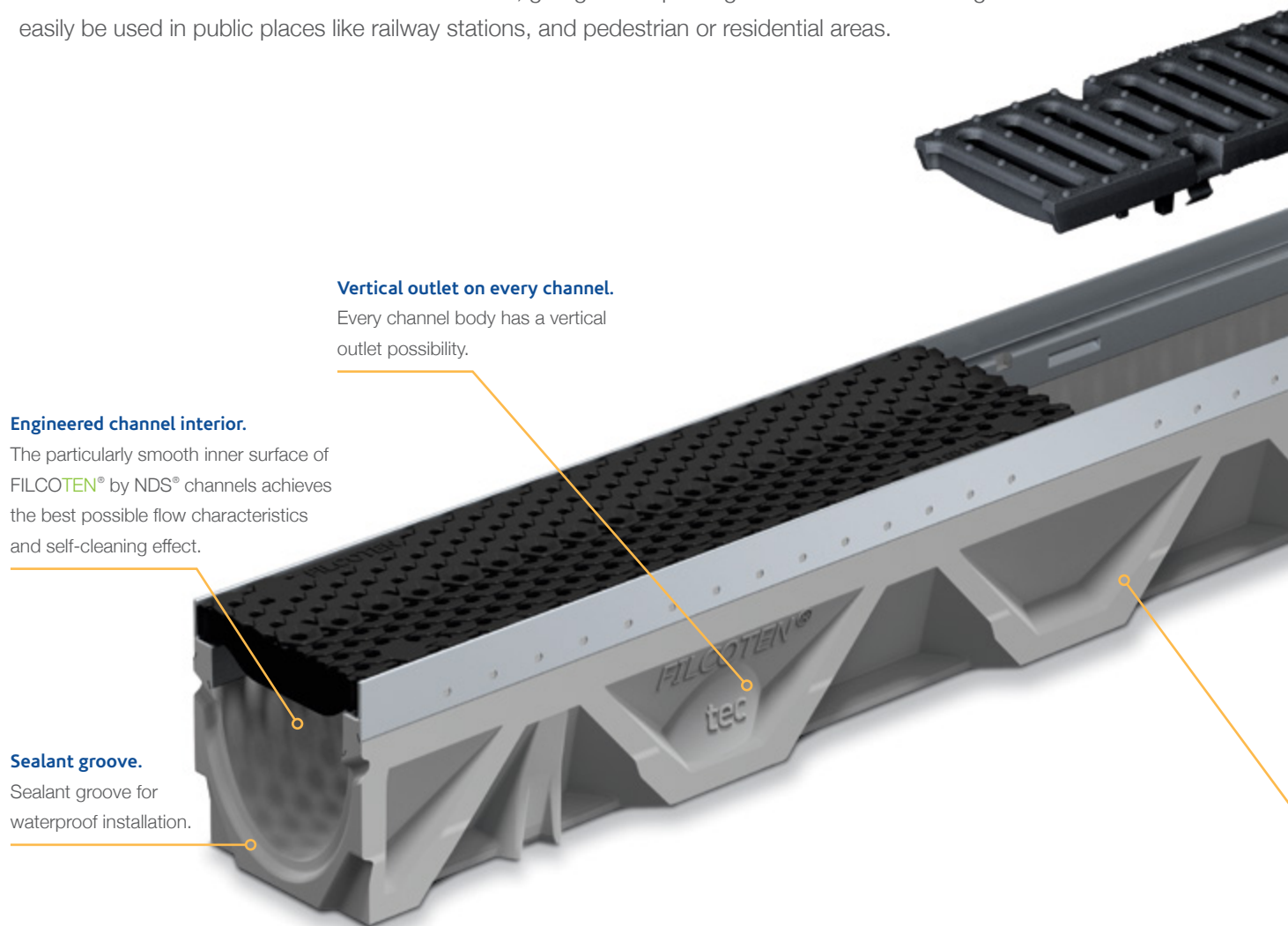
ideal for all projects



A heavyweight when it comes to features.

FILCOTEN® by NDS® combines smart engineering and smart materials to provide a superior trench drain suitable for handling a high load capacity. Combining the features of a stable concrete channel with the strength, durability and environmental-friendliness of fiber-reinforced concrete, FILCOTEN® by NDS® is the ideal choice for a wide variety of sites and applications.

Applications. Because FILCOTEN® by NDS® can handle a high load capacity, it is especially suitable for installation in industrial areas such as factories, garages and parking lots. With its sleek design it can easily be used in public places like railway stations, and pedestrian or residential areas.



Vertical outlet on every channel.

Every channel body has a vertical outlet possibility.

Engineered channel interior.

The particularly smooth inner surface of FILCOTEN® by NDS® channels achieves the best possible flow characteristics and self-cleaning effect.

Sealant groove.

Sealant groove for waterproof installation.

- **Temperature, frost and UV resistant.** Less contraction and expansion and longer product life.
- **Product impact stability.** Less susceptible to cracking and breaking during transport and installation.
- **100% recyclable / 0% harmful substances.** Sustainable solution without VOCs or heavy-metal residue that can leach into the ground. Qualifies for LEED credits.
- **Non-flammable.** Manufactured without resins, FILCOTEN® is rated A1, non-combustible.
- **Monolithic adhesion.** Free from de-molding agents, FILCOTEN® bonds securely with the surrounding concrete.



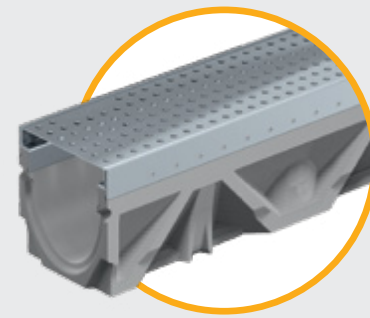
Engineered for stability. Four anti-sliding lugs secure the grate against any longitudinal shifting and provides additional safety.

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

Designed with security in mind. Anti-vandal locking devices are available to ensure grates are only removed by authorized personnel. Four locking devices per channel section are recommended.

Galvanized steel rails. The special design of the galvanized steel rails allows for secure grate locking with the fix-connection self-locking system.

Engineered channel exterior. The anchoring ribs have been specially designed to support the channel and increase the exposed surface area, providing far better adhesion to the surrounding concrete.



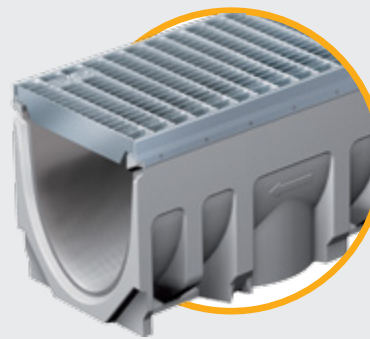
FILCOTEN Tec V 100 Trench Drain Galvanized Steel

- Trench Drain system with 4"/100mm inner dimension
- With integral galvanized steel rail
- Up to load class E
- L x W x H: 39.37" x 5.1" x 5.31-7.28"
(1m x 130mm x 135-158mm)



FILCOTEN PRO V 200 Trench Drain Galvanized Steel

- Trench Drain system with 8"/200mm inner dimension
- With integral galvanized steel rail
- Up to load class E
- L x W x H: 39.37" x 8.97" x 10.43-14.37"
(1m x 238mm x 265-365mm)



FILCOTEN PRO V 300 Galvanized Steel

- Trench Drain system with 12"/300mm inner dimension
- With integral galvanized steel rail
- Up to load class E
- L x W x H: 39.37" x 14.17" x 14.17-18.11"
(1m x 360mm x 360-460mm)

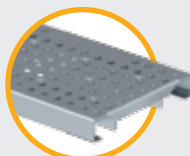
From NDS®

The Leader in Stormwater Management

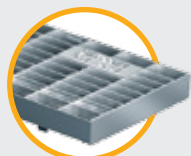
Grate variations for FILCOTEN® by NDS® Tec & Pro:



Slotted Galvanized Steel
cl. A or cl. C



Perforated Galvanized Steel
cl. A or cl. C



Mesh Galvanized Steel
cl. B or cl. C



Slot Top Galvanized Steel
cl. C



Slotted Ductile Iron
cl. C or cl. E



Longitudinal Bar Ductile Iron
cl. C or cl. D



Honeycomb Plastic
cl. C



Accessories for FILCOTEN® by NDS® Tec & Pro:



Catch Basin



Anti-Vandal Locking Device



Rebar Support Clips



Closed/End Cap



End Cap with Outlet

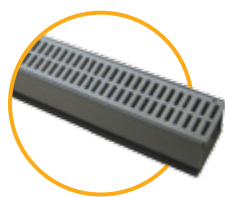


Bottom Outlet

NDS offers a full line of channel and trench drains suitable for any project:



Micro Light Residential
Load rating A



Mini Light Residential
Load rated up to B



Spee-D® Light Residential
Load rated up to B



Pro Series Residential & Light Commercial
Load rated up to C



Dura Slope™ Residential & Light Commercial
Load rated up to D

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FILCOTEN® BY NDS®

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