



**Technodrain**

**Channel Series: Evo 100 Polyamide**

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**Evo 100 Polyamide C250 (Class D – 240kN)**



**evo**

CODE: TCE100SC18PA

With a heavy duty HDPE integrates channel edge and high strength, heavy duty polyamide grating, this trench drain safeguards you from the heaviest of downpours whilst being completely corrosion resistant.

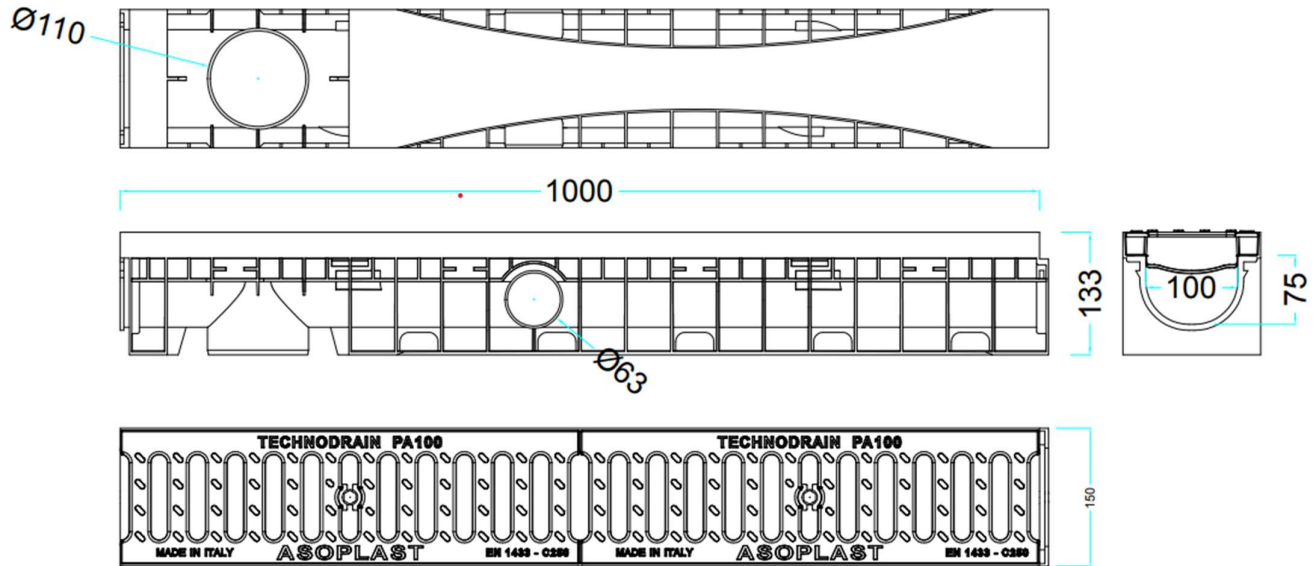
With a Class D load rating, this is ideal for industrial, commercial and residential use where risk of chemical attack or corrosion is high.



## **Key Features of Technodrain Evo 100 Polyamide**

- Load rated to Class D (C250 EN124) – suitable for light vehicular traffic and heavy-duty applications.
- Polyamide Grating – a high-performance engineered polymer offering exceptional strength, stability, and corrosion resistance.
- Not FRP or resin-based – advanced polymer technology delivering superior structural integrity and long-term performance.
- Comparable to stainless steel – designed for similar environments with significant cost advantages and zero corrosion.
- High strength-to-weight ratio – durable under load while lightweight for easier handling and installation.
- Corrosion and chemical resistant – unaffected by salt, chlorine, and aggressive cleaning agents.
- Anti-slip surface – ensures traction and safety in wet or high-traffic conditions.
- UV and temperature stable – maintains form, finish, and mechanical properties under prolonged exposure.
- Boltdown grate system – stainless steel fixings provide secure, tamper-resistant installation whilst maintaining corrosion resistance.
- 100mm wide HDPE channel (Evo100) – durable, lightweight, and easy to install channel body.
- Ideal for harsh environments – coastal areas, marinas, pool surrounds, food and beverage plants, industrial and chemical facilities.
- Cost-effective alternative – delivers stainless-steel performance at a reduced total cost of ownership.

## Technodrain Evo 100 Polyamide Specification



### Dimensions and technical specifications

#### Channel

|                 | Length | Overall Width | Internal Width | Overall Depth | Internal Depth | Edge Rail |
|-----------------|--------|---------------|----------------|---------------|----------------|-----------|
| Evo 100 Channel | 1000mm | 150mm         | 100mm          | 133mm         | 75mm           | 25mm      |

#### Polyamide Grate

|                         | Length | Overall Width | Overall Depth | Slot Opening Size | Bolts Per Metre |
|-------------------------|--------|---------------|---------------|-------------------|-----------------|
| Evo 100 Polyamide Grate | 500 mm | 145mm         | 25mm          | 18 (mm)           | 2               |

Total weight of assembled Evo 100 Class D Polyamide (1m of channel and 2 x 500mm grate) is 4.8kg

**Made in Italy, Technodrain channel is proudly distributed by Mascot Engineering.**

**For all enquiries, please contact our sales team on 1300 885 295**



**Mascot Engineering Co Pty Ltd.**  
37 Tarlington Place, Smithfield NSW 2164  
Ph 1300 885 295 | sales@mascoteng.com.au  
www.mascoteng.com.au  
SYDNEY | MELBOURNE | BRISBANE | PERTH | NEWCASTLE

Note: Details correct at time of publication and subject to industry tolerances. Refer to terms of use on website for more. Load rating details available at [www.mascoteng.com.au/technical-support/load-ratings-as3996/](http://www.mascoteng.com.au/technical-support/load-ratings-as3996/)