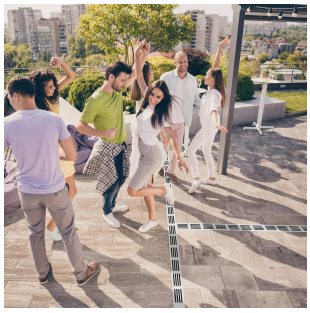
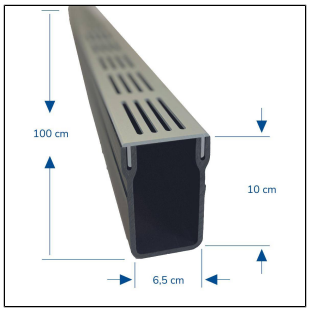
EN Datasheet

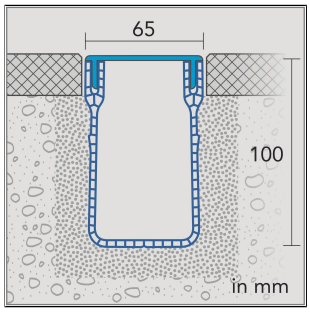
U-DRAIN PRO 65/105

Drainage Channel Of Robust Plastic With Solid Aluminium Cover









ACCESSORIES

The following accessories are available:

- Corner piece incl. cover
- T-connector incl. cover
- End cap right/left
- connector
- Horizontal drain DN 50 connection (only UDP 100-65)
- Vertical drain DN 85 connection (only UDP 100-65)
- Vertical drain DN 75 connection (only UDP 100-65)
- Horizontal drain DN 40 connection (only UDP 50-100)
- Horizontal drain multi-flange ø 40 mm / ø 30 mm (only UDP 50-100)
- Vertical drain DN 110 connection (only UDP 50-100)
- Vertical drain multi-flange ø 40 / 50 /63 / 80 mm (only UDP 50-100)
- U-PVC adhesive

PROPERTIES

Load capacity UDP 100-65: 93.6 kN ≈ 9.4 t
Load capacity UDP 50-100: 63 kN ≈ 6.3 t
Horizontal drain DN 50: 330 l/min
Vertical drain DN 75: 360 l/min
Horizontal drain DN 40: 280 l/min
Vertical drain DN 110: 330 l /min

MATERIAL

Aluminium can be used wherever medium mechanical loads are expected. Metal die-cast can be used where low mechanical loads are expected. Contact with alkaline materials (e.g. tile adhesive) can cause discolouration, which is difficult to remove afterwards. High humidity during the drying phase can intensify this process. Always wipe tile adhesive or grout off visible surfaces immediately with plenty of water, then wipe dry and ensure good room ventilation.

PVC is particularly suitable for indoor and outdoor areas with low mechanical stress. The material is solid-coloured and therefore UV-

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We reserve the right to any technical changes if they are in the interest of progress or if they are production-related.

DURAL GmbH | Südring 11 | D-56412 Ruppach-Goldhausen | Germany | +49 2602/9261-0 | info@dural.com
DURAL Ltd. | Unit 6a | Wakefield Business Centre Denby Dale Rd | Wakefield | WF2 7AZ | United Kingdom | ukinfo@dural.com

The recognised standards and regulations of technology must be observed. Previous data sheets are invalid.

resistant under normal circumstances, but colour differences may occur with constant UV radiation.

Note: When using coloured grout with ultra-fine colour pigments in combination with plastic profiles, irreversible staining of the profiles may occur. We recommend the use of appropriate protective measures.

The suitability with regard to mechanical and chemical resistance must always be checked on a case-by-case basis.

CARE

Aluminium does not require any special care. If necessary, it can be cleaned with clear, clean water and a few drops of washing-up liquid. Then wipe dry.

Avoid using acidic, alkaline and abrasive cleaning agents.

PVC does not require any special care. If necessary, it can be cleaned simply with clear, clean water and a few drops of washing-up liquid.

Solvent-based and abrasive cleaning agents should be avoided.

PROCESSING

1. Dig a foundation. Each U-Drain 50-100 requires a
foundation with a minimum height of 8 cm and a width of 14 cm. U-Drain per 100-65 requires a foundation with a minimum height of 5 cm and a width of 10 cm.

2. Check that all parts for the desired installation are present and lay them out on a straight and clean surface.

3. Determine the drainage location. For vertical drainage, mark the correct position on the back of the channel using the drainage connection. Saw out the marked hole using a hole saw. For vertical drainage, the drainage connection is installed horizontally.

4. Now you can glue the parts watertight with Dural U-PVC adhesive. The channel body, corner pieces and T-pieces are glued with the universal connector. End caps and drain connections are also glued with Dural U-PVC adhesive. Insert the grate after gluing to check the fit. The waiting time to achieve functional stability is approx. 30 minutes (cold welded).

5. Prepare the foundation. The foundation can be made of concrete 1:3, single-grain mortar 1:4 or a gravel bed.

6. Depending on the size of the channel system, lift the bonded channel system without the grating onto the prepared foundation, either alone or with several people. Reinsert the grating and align it. For concrete or single-grain mortar, insert a wedge along the channel to achieve lateral stabilisation.

7. Once the foundation has hardened, any covering can be applied.

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TECHNICAL DIMENSIONS AND PRODUCT VARIANTS

Material	[Aluminium],[PVC]
Surface	[powder coated], [anodised]
Colour	black, silver
Length	100 cm, 200 cm
Height	50 mm, 100 mm
Width mm	65 mm, 100 mm

PRODUCT VARIANTS

Ident	Height	Surface	Colour	Length
UDP 50-100/100	50 mm	anodised	silver	100 cm
UDP 50-100/200	50 mm	anodised	silver	200 cm
UDP 5033-100/100	50 mm	powder coated	black	100 cm
UDP 5033-100/200	50 mm	powder coated	black	200 cm
UDP 100-65/100	100 mm	anodised	silver	100 cm
UDP 100-65/200	100 mm	anodised	silver	200 cm
UDP 10033-65/100	100 mm	powder coated	black	100 cm
UDP 10033-65/200	100 mm	powder coated	black	200 cm

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