

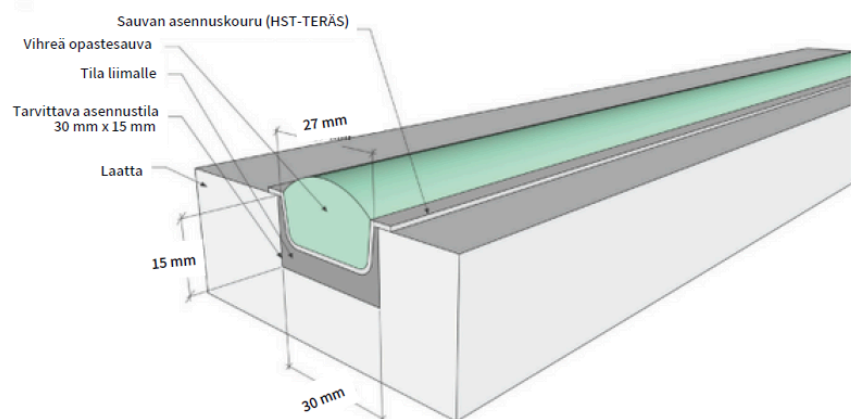
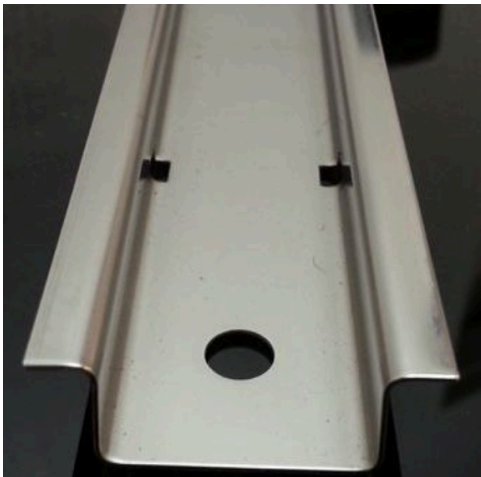
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TECHNICAL DATA SHEET

GW0042 Installation Chute for Glass Rod



1. PRODUCT DESCRIPTION AND APPLICATIONS

- **Intended use:** A mounting profile/channel made of stainless steel, designed to be embedded into the floor structure directly underneath the photoluminescent glass rod (GW0001).
- **Functionality:** Protects the glass rod from mechanical stress and ensures during the installation phase that the glass rod automatically positions itself at the correct, standardized level (5 mm above the finished floor surface).
- **Applications:** Public and private spaces, particularly terrazzo and stone floors, where accessibility and emergency evacuation routing lines are constructed.

2. DIMENSIONS AND COMPATIBILITY

- **External dimensions (Width x Height x Length):** 27 x 11 x 1200 mm.
- **Internal dimension (Width):** Approx. 25.90 mm (designed for an optimal fit with the glass rod).
- **Compatibility:** Designed to be used in conjunction with the GW0001 glass rod.

3. MATERIAL PROFILE AND MECHANICAL PROPERTIES

- **Material:** Acid-proof steel (stainless steel grade AISI 316 / V4A).

- **Properties:** Excellent corrosion resistance, high mechanical strength, and durability under heavy wear in public spaces.
- **Pre-machining:** Fixing holes are pre-drilled and countersunk into the bottom of the channel for mechanical screw fastening. This ensures that the screw heads do not interfere with or bear against the underside of the glass rod.

4. STRUCTURAL PROVISIONS (Design Guidelines)

- **Required installation groove in the floor (Floor slit/provision):** Width 30 mm, depth at least 15 mm.
- **Recommended mechanical fasteners:** Stainless steel screws 4.5 x 30 mm and wall plugs (anchors) 6 x 30 mm.
- **Recommended adhesive compound:** High-quality polymer adhesive and sealant (e.g., light gray Würth polymer adhesive).

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