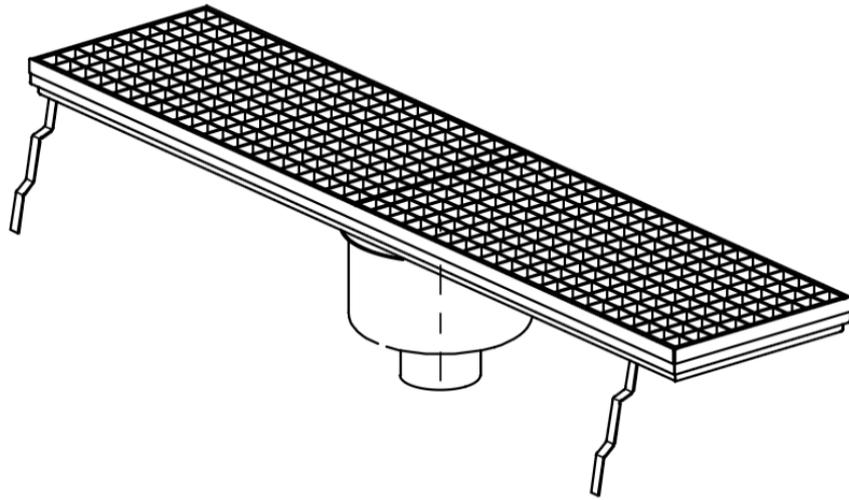


## Floor Drain-Vertical Type 1158091



### 1. Preliminary Instructions

1. Do **not** install the grate or filter element until all concrete work and floor finishing are complete. Keep these components away from the installation area.
2. Mark the planned Finished Floor Level (FFL) at the drain location using appropriate leveling tools (e.g., laser level).

### 2. Drain Positioning and Height Adjustment

1. Place the drain body at the designated location, ensuring stability and level alignment.
2. Verify that the vertical distance from the structural concrete/slab level to the FFL corresponds to the drain's required installation height.
3. If the floor build-up exceeds the drain height, use the adjustable feet (bolts/nuts) to support and level the drain, ensuring full support during concreting.
4. Set the final rim level so that the top edge of the drain is **0.5–1.0 mm below the FFL**.

# JUMA International BV

Vrijheidweg 34 1521RR Wormerveer Nederland

---

## 3. Pipe Connection

1. Connect the drain outlet to the waste pipe.
2. Ensure proper alignment, required slope, and unobstructed flow.

## 4. Concrete Placement and Curing

1. Do **not** move or disturb the drain once positioned and connected.
2. Carefully place and compact concrete under and around the drain body to ensure full support and eliminate voids.
3. Finish the surrounding surface smoothly and to the required level.
4. Allow the concrete to fully cure before installing removable components or placing the area into service.

## 5. Finishing

1. After curing, thoroughly clean the drain body to remove any concrete residue or debris.
2. Install the filter element and grate only after cleaning is complete.

## 6. Load Capacity

- Grate maximum load: **500 kg**

# JUMA International BV

Vrijheidweg 34 1521RR Wormerveer Nederland

---

