INSTALLATION MANUAL

# PVX Singleroof 75

75 x 45 x 25 cm · 6.7 kg

- Magnelis® steel
- Made in Holland

33.8 m/s




Version 2026/2709/1 · EN
Made in Holland

PVX PROTECTION · SINGLEROOF 75

# Before you begin

01

## Safety & guidelines

- Installation only by qualified and authorised personnel.
- Before installation, check that the substrate is suitable: concrete (C20/25), solid brick (MZ12) or solid sand-lime brick (KZ12). For other substrates, contact PVX Mounting Systems for advice.
- The mounting surface must be flat, clean and free of cracks or cavities.
- Before drilling, check that there are no electrical, water or gas lines in the wall.
- When working at height, use the required personal protective equipment and follow applicable health and safety regulations.
- Only use fastening materials suitable for the actual substrate and the required load capacity.
- Keep this manual available on site during and after installation.

**NOTE**

Failure to comply with these instructions will void the warranty and liability.

## Required tools



**Hammer drill + masonry bit Ø10 mm**

For fischer DuoPower 10x50 in concrete/masonry substrate



**Spirit level & measuring tools**

For levelling and marking



**Socket wrench / spanner 13 mm**

For the hex head of the M8x60 coach screws (DIN571)



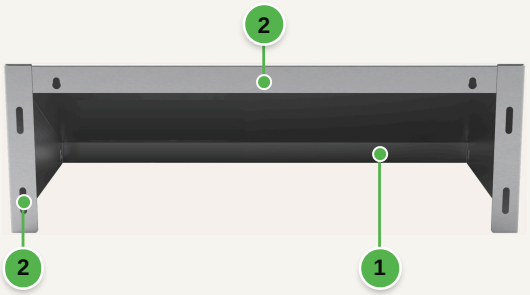
**Pencil**

For marking the drilling positions on the wall

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# Parts & dimensions

02




**1**
Protective roof

**2**
Fixing points (round holes on top, slots on the sides)

The Singleroof 75 is a single piece; number 2 refers to the integrated mounting points (not a separate part).

## Article number

| VERSION | ARTICLE NUMBER | WEIGHT |
|---|---|---|
| Singleroof 75 | PVX01052026 | 6.7 kg |

## Main dimensions

| WALL MOUNTING | |
|---|---|
| Width (L) | 75 cm |
| Depth (D) | 45 cm |
| Height (H) | 25 cm |
| Material thickness | 1.5 mm |

## Material

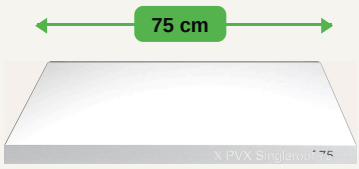
| | |
|---|---|
| Coating | Magnelis® (Zn-Al-Mg), type MG310 |
| Colour | Silver |
| Fire class | A1 (NEN-EN 13501-1) |

## Fastening materials (7x per Singleroof, based on the visible fixing points) INCLUDED

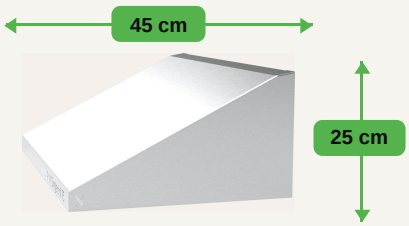
✓ **Already in the box** — you don't need to buy this fastening material separately.

| IMAGE | PART | TYPE | QUANTITY |
|---|---|---|---|
|  | Plug | fischer DuoPower 10x50 (Ø10 mm) | 7x |
|  | Bolt | Coach screw M8x60, DIN571, hot-dip galvanised | 7x |
|  | Washer | M8, DIN9021, hot-dip galvanised | 7x |

## Dimensions




Front view




Side view

No rights can be derived from these dimensions. Variations may occur in practice.

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# Installation

03

5 steps · wall mounting

STEP 1 OF 5

## 1 Check the substrate

Check that the wall is suitable: concrete (C20/25), solid brick (MZ12) or solid sand-lime brick (KZ12), flat and free of cracks or cavities. For a different substrate, contact PVX Mounting Systems for advice.

STEP 2 OF 5

## 2 Determine position & align

Determine the desired mounting height and hold the Singleroof level against the wall. Mark the drilling positions using the round holes on top and the fixing slots on the sides.



STEP 3 OF 5

## 3 Drill & insert plugs

**Ø10 mm · 60 mm deep**

Drill the 7 marked positions with a 10 mm masonry bit to a drilling depth of at least 60 mm. Clean the drill hole of dust and tap a fischer DuoPower 10x50 plug fully flush into the hole at each position.



STEP 4 OF 5

## 4 Fasten the Singleroof

**M8x60 + M8 washer**

Hang the Singleroof and fasten it at all 7 points with an M8x60 coach screw (DIN571) and M8 washer (DIN9021) into the DuoPower plug. Using a 13 mm socket wrench (by hand or on a cordless drill), tighten evenly until the screw is secure and the Singleroof sits firmly and flush against the wall. Fischer does not specify a fixed torque (Nm) for this plastic plug; a torque wrench is not required.

**NOTE**

Use all 7 fixing points — 3 in the top rail and 2 in each side slot — and never skip one. Always mount the bolt with washer in the side slots as low as possible, at the lowest point of the slot.

STEP 5 OF 5

## 5 Check

Check that the Singleroof hangs level and that all fixing points are firmly tightened.

**KIT:** hammer drill · masonry bit Ø10 mm · 13 mm socket wrench (or cordless drill with socket bit) · spirit level · tape measure

# Packaging






## Opening the box & removing the product



### Recommended way to open

Preferably open the box from the underside, so that the Singleroof 75 can be lifted straight up out of the packaging without rubbing against the edges.

## Packaging dimensions

Per unit (1×)

| CARDBOARD BOX | |
|---|---|
| Length | 76 cm |
| Width | 46.5 cm |
| Height | 28 cm |

### Transport

The PVX Singleroof 75 is individually packed in a cardboard box, suitable for parcel transport. Also available per pallet (**12 units**) for bulk orders; please contact PVX Mounting Systems for this.

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# Substrate & wind load

05

The PVX Singleroof 75 is mounted directly to the wall. The load-bearing capacity of the substrate and correct installation of the fastening materials are therefore decisive for the stability of the system.

## Directly applicable to

- Concrete (C20/25)
- Solid brick (MZ12)
- Solid sand-lime brick (KZ12)

## Other substrates

For other substrates (such as aerated concrete, hollow block or facade cladding), contact PVX Mounting Systems for installation advice.

W

## Wind load

Calculated for a wind load up to **33.8 m/s**, in accordance with NEN-EN 1991-1-4:2011 (Eurocode), NEN 7250:2014 and CUR recommendation 103:2005.

A1

## Fire safety & warranty

Fire class A1 according to NEN-EN 13501-1. Product warranty: **15 years**.

The specifications in this manual apply to the following version: PVX Singleroof 75 · article number **PVX01052026**.