INSTALLATION MANUAL

PVX Singleroof 100

100 x 45 x 25 cm · 8.9 kg

- Magnelis® steel
- Made in Holland

33.8 m/s



Version 2026/2709/1 · EN
Made in Holland

PVX PROTECTION · SINGLEROOF 100

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)

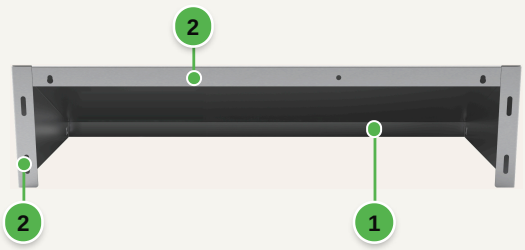


Pencil
For marking the drilling positions on the wall

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Parts & dimensions

02



1
Protective roof

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

The Singleroof 100 is a single piece; number 2 refers to the integrated mounting points (not a separate part).

Article number

VERSION	ARTICLE NUMBER	WEIGHT
Singleroof 100	PVX10052026	8.9 kg

Main dimensions

WALL MOUNTING	
Width (L)	100 cm
Depth (D)	45 cm
Height (H)	25 cm
Material thickness	1.5 mm

Material

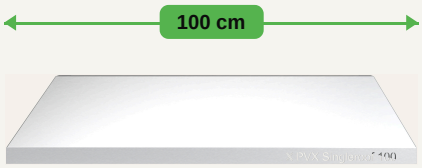
Coating	Magnelis® (Zn-Al-Mg), type MG310
Colour	Silver
Fire class	A1 (NEN-EN 13501-1)

Fastening materials (8x per Singleroof, based on the visible fixing points) INCLUDED

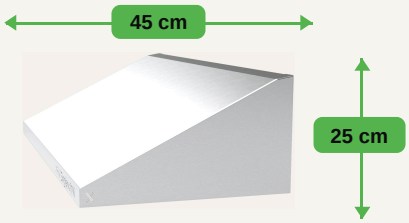
✓ **Already in the box** — you don't need to buy this fastening material separately.

IMAGE	PART	TYPE	QUANTITY
	Plug	fischer DuoPower 10x50 (Ø10 mm)	8x
	Bolt	Coach screw M8x60, DIN571, hot-dip galvanised	8x
	Washer	M8, DIN9021, hot-dip galvanised	8x

Dimensions



Front view



Side view

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

PVX PROTECTION · SINGLEROOF 100

Installation

03

5 steps · wall mounting

PVX Mounting Systems
THE STANDARD IN CABLE MANAGEMENT

1

STEP 1 OF 5

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.

2

STEP 2 OF 5

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.

3



STEP 3 OF 5

Drill & insert plugs

Ø10 mm · 60 mm deep

Drill the 8 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.

4



STEP 4 OF 5

Fasten the Singleroof

M8x60 + M8 washer

Hang the Singleroof and fasten it at all 8 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 8 fixing points — 4 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.

5

STEP 5 OF 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 100 can be lifted straight up out of the packaging without rubbing against the edges.

Packaging dimensions

Per unit (1×)

CARDBOARD BOX	
Length	101 cm
Width	46.5 cm
Height	28 cm

Transport

The PVX Singleroof 100 is individually packed in a cardboard box, suitable for parcel transport. Also available per pallet (**8 units**) for bulk orders; please contact PVX Mounting Systems for this.

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Substrate & wind load

05

The PVX Singleroof 100 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 100 · article number **PVX10052026**.