



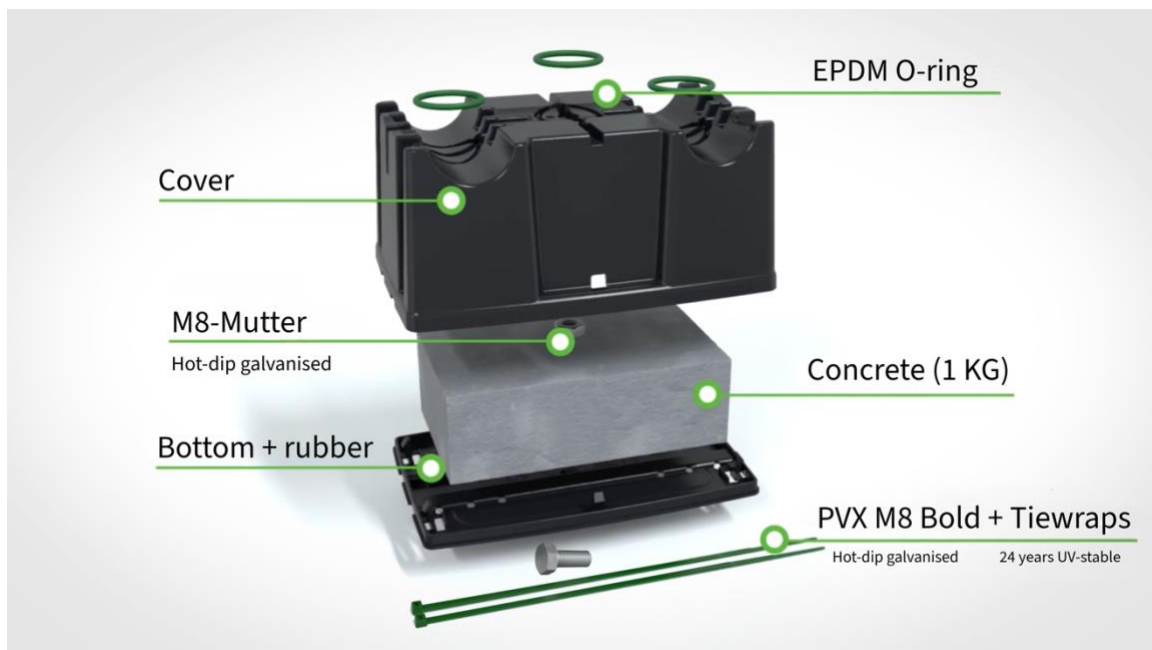
Installation Manual M8 application

PVX Multistrap+®

1. Introduction

The PVX Multistrap+ is a wind-certified and FEM-analyzed mounting system developed by PVX Mounting Systems. It is designed for the installation of tubes and M8 applications on flat roofs with a slope of up to 5°. The system combines easy installation with maximum stability and is compatible with all brands of tubes and M8 bolted applications.

This manual describes the correct M8 application installation procedure for a safe and durable installation of the PVX Multistrap+. A separate installation manual is available for the tube installation procedure.



📷 Visual 1.1 - PVX Multistrap+ exploded view



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2. Safety & Preparation

Read this manual carefully before starting the installation. The installer is responsible for complying with all applicable safety and construction standards, including:

- **NEN-EN 1991-1-4:2011** - Wind loads
- **NEN 7250:2014** - Integration of photovoltaic systems in and on buildings

Before installation, make sure that:

- the roof surface is clean, level, and stable;
- there are no obstacles along the cable route;
- the correct support spacing has been calculated using the **PVX Calculator**.

Note:

According to **NEN 1010 clause 134.1.1**, an installation must be carried out in accordance with the manufacturer's instructions. Therefore, the use of the **PVX Calculator** is mandatory to meet the conditions of the application warranty. The product warranty remains valid at all times.



**PVX
CALCULATOR**

 Visual 2.1 - Logo PVX Calculator



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3. Step-by-step Installation

Step 1 - Preparation

Suitable for M8 applications **up to 300 mm wide**. Mark the positions of the first and last PVX Multistrap+ according to the calculated support spacing. Check that all required components are present.

Step 2 - Placement of the Supports

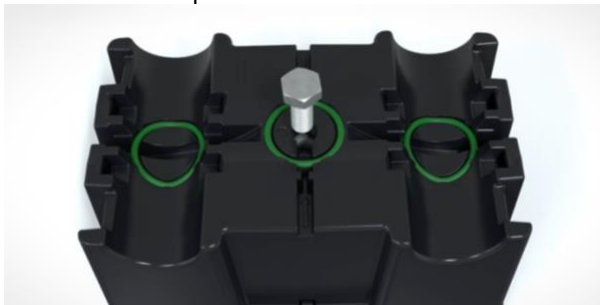
Position the PVX Multistraps+ aligned along the cable route. Ensure that the base is stable on the roof surface.

Step 3 - Alignment Check

Use a straight edge to verify the alignment of the supports. If necessary, adjust the positions slightly.

Step 4 - Preparation for M8 application installation

Unscrew the pre-assembled M8 bolt from the carrier.



 Visual 3.1 – Unscrewing M8 bolt



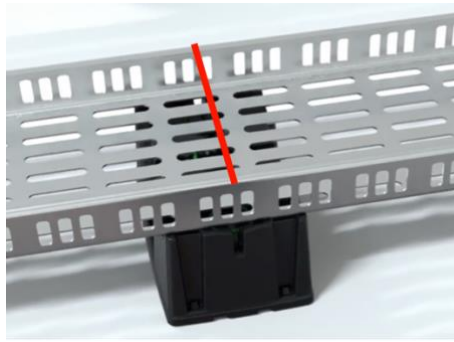
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Step 5 - Placement of M8 application

Place the M8 application on the PVX Multistrap+ and check that it rests correctly and securely on the carrier. Maximum applicable width: **300 mm.**



📷 Visual 3.2 - Placement of M8 application



📷 Visual 3.3 - Maximum 300 wide

Step 6 - Securing the M8 application

Fasten the M8 application with the supplied M8 bolt and tighten it firmly.



📷 Visual 3.4 - Installation of M8 bolt



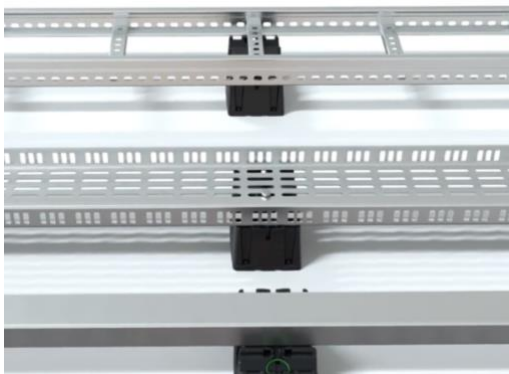
📷 Visual 3.5 - M8 bolt installed



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Step 7 - Final Inspection

Walk along the entire route to check that all PVX Multistraps+ are correctly installed, the alignment is maintained, and the tube is properly supported everywhere.



 Visual 3.6 - Route inspection

4. Warranty and Compliance

The **product warranty** from **PVX Mounting Systems** is automatically valid for all delivered products, regardless of the application. This warranty exclusively covers product quality, material properties, and workmanship under normal use.

The **application warranty** is only valid when:

1. An **approved calculation** has been performed for the project using the **PVX Calculator**, and
2. The installation has been carried out according to the calculated support distance and applicable installation instructions.

The use of the **PVX Calculator** is therefore mandatory to be eligible for the application warranty.

Product warranty: 15 years

Application warranty: 15 years with PVX Calculator (with approved calculation)



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Standards:

- NEN-EN 1991-1-4:2011
- NEN 7250:2014
- CUR Recommendation 103:2005

5. Product links

PVX Multistrap+ Installation Video:

<https://youtu.be/A6G7igiPmHU?si=SfGvKLUeylscrZug>

PVX Calculator:

<https://pvxmountingsystems.com/pvx-calculator/>

3D - Augmented reality PVX Multistrap+:

<https://vulp.studio/pvxmultimount/pvxmultistrap/nl-NL/?hotspots=1&hotspot-button=1&color=default&cg-bolt=none&cg-pipe-left=none&cg-pipe-right=none&cg-pipe-center=none>

Website PVX Mounting Systems - PVX Multistrap+:

<https://pvxmountingsystems.com/plat-dak/>

Website PVX Mounting Systems:

<https://pvxmountingsystems.com>

QR-code PVX Mounting Systems website:

