

## DESCRIPTION

guard trac™ WPS is an extension of our self-standing guardrail system for edge protection. It is certified to applicable standard EN 13374-A:2019.

In most of the installations, there is a parapet around the area to protect, as part of the building structure:



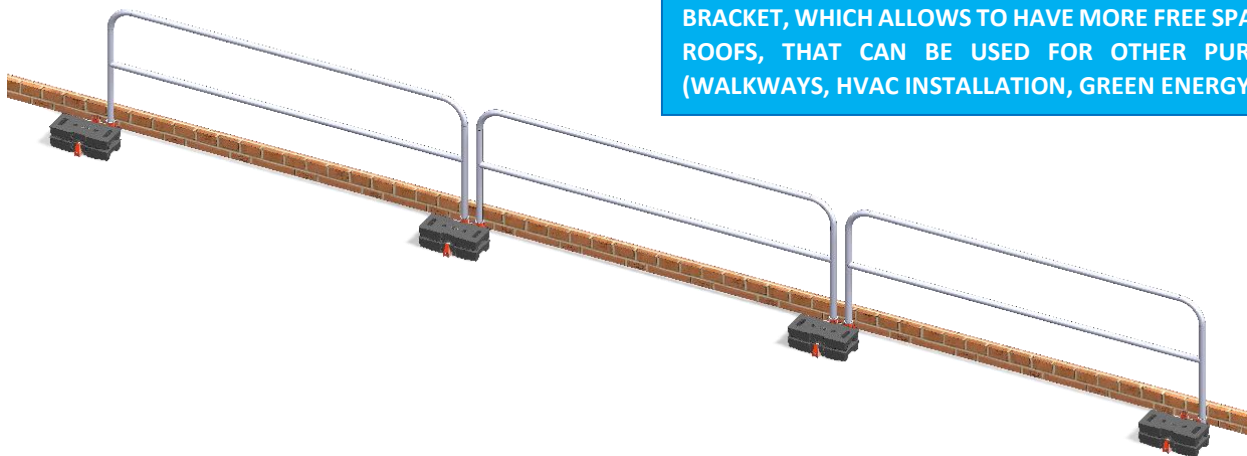
In such cases, it avoids objects rolling out of the roof, but it also has enough stiffness to be used as support. So,

## TECHNICAL CHARACTERISTICS

The guard trac™ WPS main features are:

- Barriers have been re-designed, as they do not need the locking device used to mark the angle between two adjacent barriers. Both versions guard trac™ WP & WPS use the same barriers.
- This system is fully compatible with the standard guard trac™, so all elements can be swapped (except the bracket).
- New short bracket to be used (525 mm long), which includes anti-slip pad, wedges and springs.
- Two stacked counterweights per bracket, both in-between and free-end brackets.
- Counterweight interfaces must be used between each pair of counterweights.

**THE GUARD TRAC™ WPS SYSTEM HAS ITS OWN SHORT BRACKET, WHICH ALLOWS TO HAVE MORE FREE SPACE ON ROOFS, THAT CAN BE USED FOR OTHER PURPOSES (WALKWAYS, HVAC INSTALLATION, GREEN ENERGY, ETC.)**



The guard trac™ WPS system is composed of the following:

- guard trac™ WP & WPS barrier
- Fully equipped short bracket
- Counterweight
- Counterweight interface

taking profit of this layout, the guard trac™ system has been optimized, resulting in a new system with the same performance but lower cost by meter.

guard trac™ WPS needs less available space for its installation, resulting in a space saving that can be used for other purposes. They also do not need a locking device between guardrails. So, there is no angle restriction, as the parapet acts as a guide line to orient the guardrails.

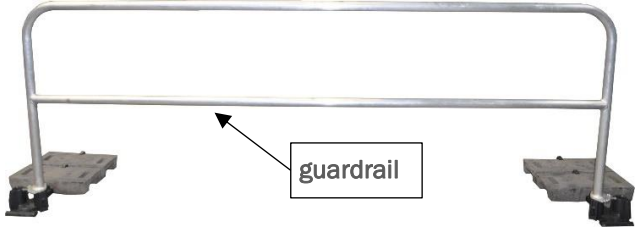
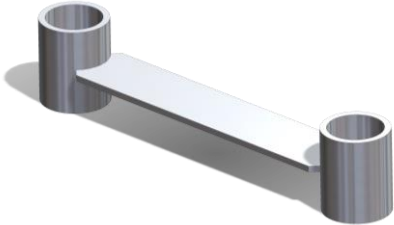


As its predecessor, the guard trac™ WPS can be used in dry as well as wet condition, and it is certified for installation on flat roof with the following roof sealant:

- EPDM
- Bitumen
- PVC

No tool is required for the installation of guard trac™: it is a completely installation tool free. The design and lightweight of each component guarantee an easy and fast installation.

guard trac™ WPS must be installed on the edge of a flat roof with parapet, with a minimum height of 150 mm.

## MAIN COMPONENTS AND CODES

guard trac™ guardrails	Counterweight interface																				
 <p>The guard trac™ WP &amp; WPS guardrail is available in different lengths:</p> <table border="1" data-bbox="231 707 817 869"> <thead> <tr> <th>Guardrail</th> <th>Code</th> <th>Length</th> <th>Weight</th> </tr> </thead> <tbody> <tr> <td>3 m</td> <td>272567</td> <td>3000 mm</td> <td>9.4 kg</td> </tr> <tr> <td>2.5 m</td> <td>272557</td> <td>2500 mm</td> <td>8.2 kg</td> </tr> <tr> <td>2 m</td> <td>272547</td> <td>2000 mm</td> <td>7.1 kg</td> </tr> <tr> <td>1.5 m</td> <td>272537</td> <td>1500 mm</td> <td>5.9 kg</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• Material: aluminium</li> <li>• Overall dimensions: Length x 1101 x 120 mm</li> </ul>	Guardrail	Code	Length	Weight	3 m	272567	3000 mm	9.4 kg	2.5 m	272557	2500 mm	8.2 kg	2 m	272547	2000 mm	7.1 kg	1.5 m	272537	1500 mm	5.9 kg	 <p>The counterweight interface is designed to secure two stacked counterweights.</p> <ul style="list-style-type: none"> <li>• Code: 272077</li> <li>• Material: aluminium.</li> <li>• Weights: 100 g</li> <li>• Overall dimensions: 197 x 25 x 60 mm</li> </ul>
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Fully equipped short bracket	Counterweight																				
 <p>The fully equipped brackets are designed to hold the guardrail and must be in contact with the parapet.</p> <ul style="list-style-type: none"> <li>• Code: 272507</li> <li>• It includes: <ul style="list-style-type: none"> <li>○ 1 double brackets in cast iron</li> <li>○ 1 anti-slip in EPDM</li> <li>○ 2 plastic clamping wedges with their spring</li> </ul> </li> <li>• Weight: 6 kg</li> <li>• Overall dimensions: 525 x 222 x 111 mm</li> </ul>	 <p>The central groove is designed for its installation on the double bracket.</p> <ul style="list-style-type: none"> <li>• Code: 186938</li> <li>• Material: reinforced concrete</li> <li>• Weight: 25 kg</li> <li>• Overall dimensions: 487 x 222 x 90 mm</li> </ul>																				