

# Urban Safe Spaces

*- Hostile vehicle mitigation for liveable cities*



# Design-led urban safe spaces

We are the first to provide you with a completely certified design-led solution for HVM (Hostile Vehicle Mitigation).



## Discreet protection in a customised design

**Physical security is an increasingly important part of our everyday lives, and we see no reason why we can't create attractive urban spaces at the same time.**

Along with the need for urban safe spaces our goal is to never compromise with the aesthetics and creativity in any design. That is why our new certified solution to create urban safe spaces will be completely customisable, easily installed and flexible ensuring that urban spaces live up to the standards, as well as protecting against urban terror.



# Contrast Freestyle Safe - IWA certified

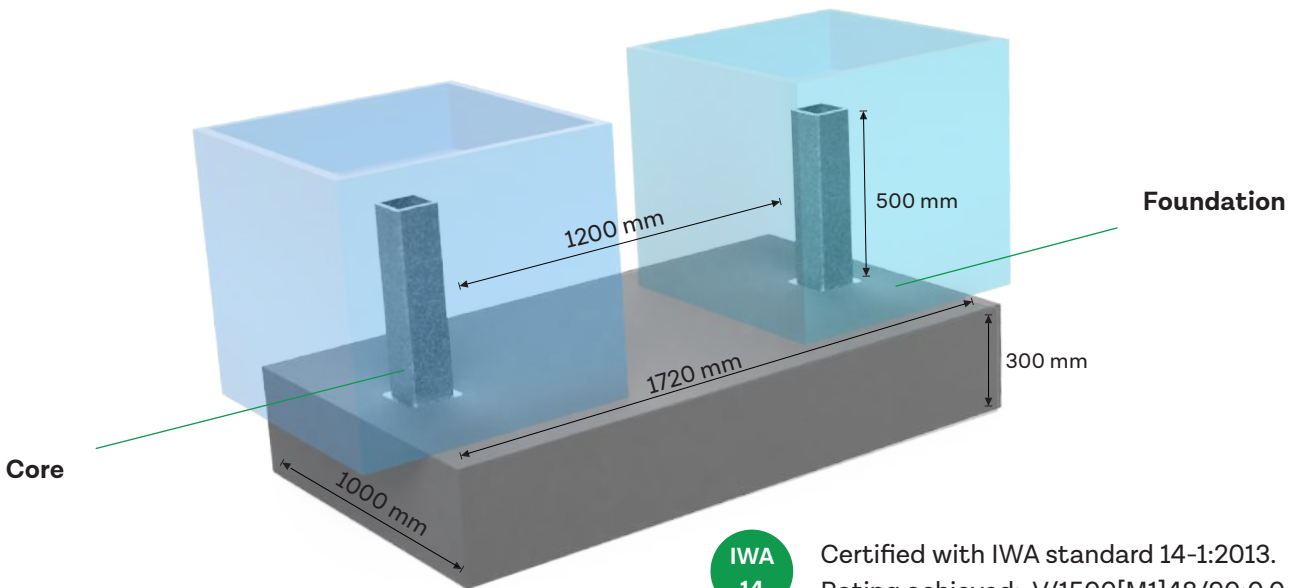
With Contrast Freestyle Safe the security installation is hidden away, and you have the full flexibility to work with your landscape design.

## Core with a hidden foundation

Our solution consists of a single piece, pre-assembled foundation system with 2 removable impact rated profiles made of steel.

## Retrofit into existing spaces

An excavation depth of only 300 mm allows rapid and simple installation. Both permanent or deployable solution applicable.



Certified with IWA standard 14-1:2013. Rating achieved: V/1500[M1]48/90:0.0.

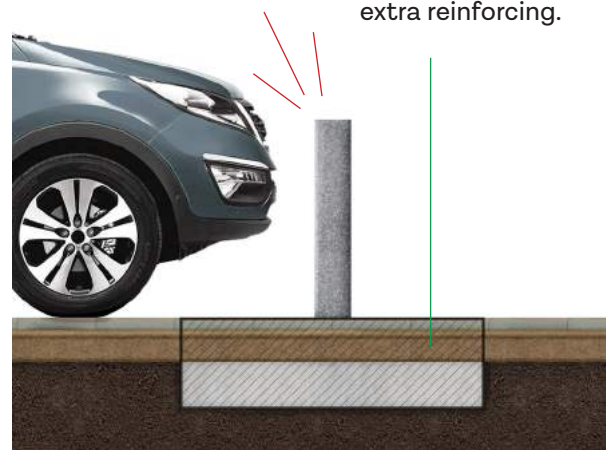
liveable cities

## How we provide the HVM standard

**Our HVM system has been tested in cooperation with the brightest talents in the industry.**

With our certified security in accordance with the IWA standards, it gives a uniquely position to support you in securing your space. The compliant core structures can be discreetly incorporated to give adequate protection as required, and are easy to install and uninstall.


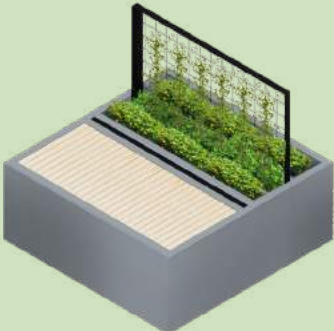

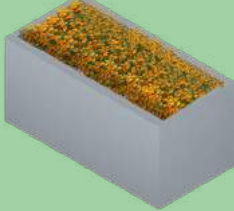

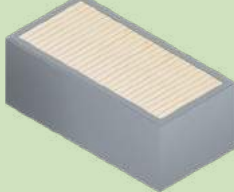




The underground foundation system does not require a paved surface or extra reinforcing.



Security specifications	Included
IWA certified	✓
Crash tested	✓

# Choose a standard design

Choose one of the five standard products from our two ranges of street furniture. These modules are pre-approved for use with the security system.

Circular form	Rectangular form	Description
		<p>Full bench system with espalier, in galvanized, untreated or corten steel, powder coated finish in any RAL-colours.</p> <p>1500x1500 mm dimensions</p> <p>Minimum height bench: 550 mm</p> <p>Minimum height planter: 700 mm</p>
		<p>Planter in galvanized, untreated or corten steel, powder coated finish in any RAL-colours.</p> <p>1500x750 mm dimensions</p> <p>Minimum height planter: 700 mm</p>
		<p>Bench in galvanized, untreated or corten steel, powder coated finish in any RAL-colours.</p> <p>1750x500 mm dimensions</p> <p>Minimum height: 550 mm</p>
		<p>Planter in galvanized, untreated or corten steel, powder coated finish in any RAL-colours.</p> <p>750x750 mm dimensions</p> <p>Minimum height: 700 mm</p>
		<p>Single post in galvanized, untreated or corten steel, powder coated finish in any RAL-colours</p> <p>120x120 mm dimensions</p> <p>Minimum height: 500 mm</p>



## HVM when you need it, and not when you don't

Our certified core is easily integrated into standard or customized street furniture or planters. The modular system is an expandable way of upgrading with more green or recreational furniture.

All products can be fixed or removable from the ground. It is easy to install and doesn't require special equipment.

### Design benefits with our HVM solution

- Solutions can be permanent or deployable
- Easy to install, flexible, and doesn't require special equipment
- No paved surface required, also functions in compacted gravel
- Can be an integrated part of the urban space and add more recreational value
- Removeable items require minimal storage and zero maintenance
- Adds more value to the public space, - new meeting places, greenery and biodiversity



# Freestyle your way...

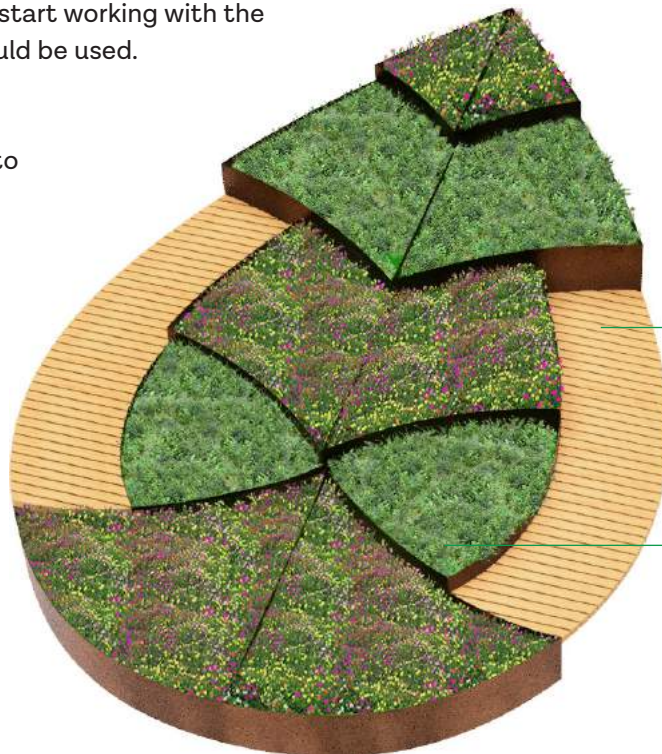
Contrast Freestyle offers a whole new holistic take on working with HVM in your landscape design. Design your space and then learn how we can incorporate protective structures into the design.

## Flexible, adaptable and creative

Using protective planters to create urban safe spaces allows you to start working with the space and how it should be used.

## Endless scenarios

Adapt our solution into the urban space for the suitable occasion with added furniture and greenery.



### Integrate benches

Enhance urban meeting places.

### Add Greenery

Enhance biodiversity and recreational values.

## Designed according to your vision

**Our HVM-solution and approach towards physical security of urban spaces, gives the freedom to your project, and doesn't compromise with the creative expression.**

We will help guide you towards reaching the most effective and secure HVM-solution, which at the same time is able to improve recreational qualities.

**Contact our specialist team for more advice.**

**Wyatt Harding**  
Product specialist

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We create liveable cities where people feel happy,  
healthy and safe

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