

Support system



BIS UltraProtect® 1000

For indoor and outdoor use



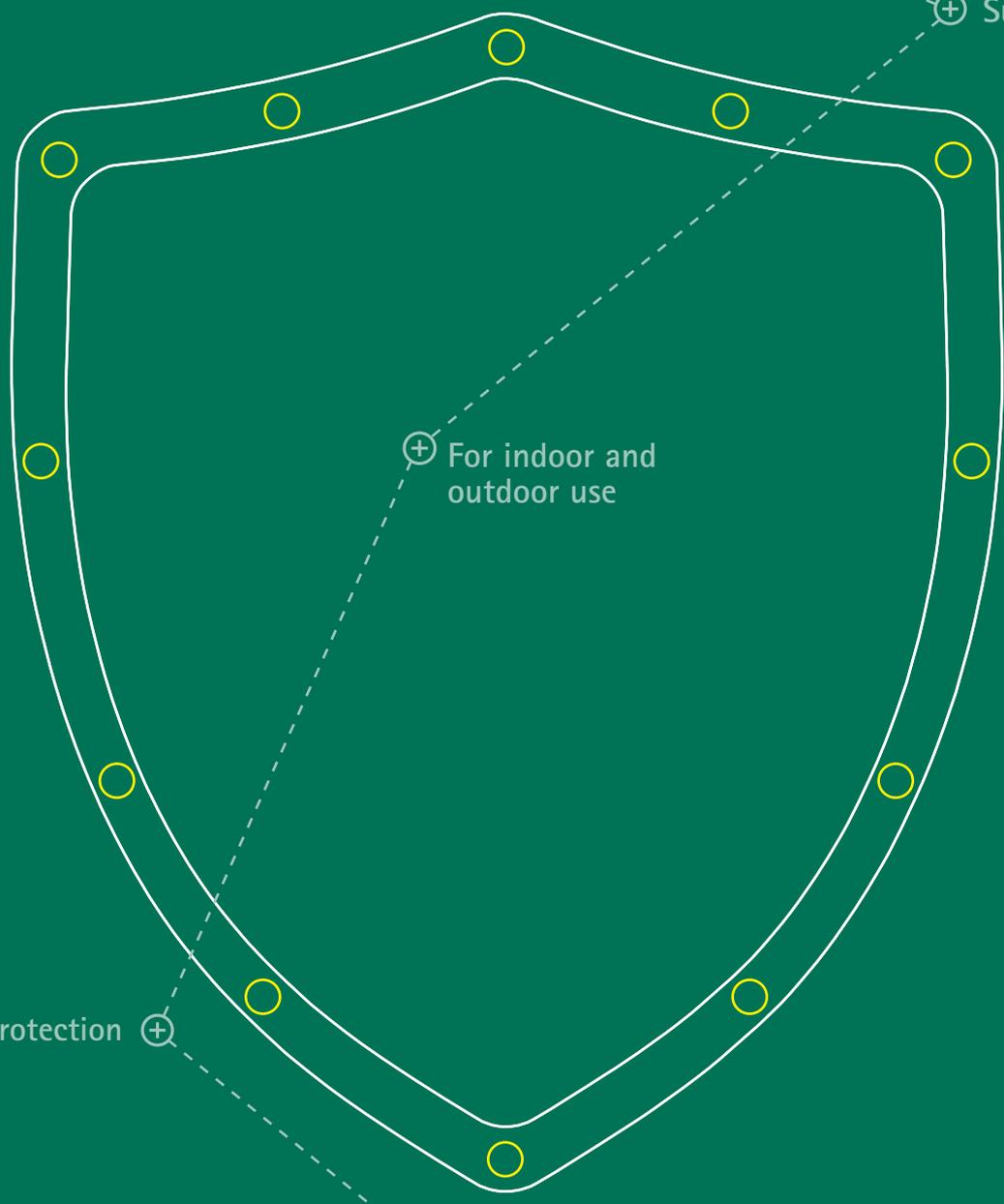
BIS UltraProtect® 1000 

 Support system

 For indoor and outdoor use

Optimal protection 

 Better than hot dip galvanizing





Corrosion resistance

- C1 - C4 / ISO 12944-2

Salt spray test

- 1000 hours / ISO 9227

Complementary system

- Perfect combination with other products

For indoor & outdoor use

- Unique system, composition and corrosion resistance
- For fixing or supporting mechanical installations, solar systems and more

Optimal protection

- All applied surface treatments effortlessly withstand a salt spray test of at least 1000 hours*
- Suitable for corrosive environments (C1-C4 in accordance with ISO 12944-2)



Better than Hot Dip Galvanizing

- Higher corrosion resistance: 1000 hours* versus 300 - 600 hours (with a layer thickness of 50 - 80 μm)
- Threaded products are also well protected
- Products feel smooth and are also visually appealing



Complementary system

- The products in the BIS UltraProtect® 1000 system combine together perfectly
- Can also be combined with zinc plated, pre-galvanized or hot dip galvanized products**

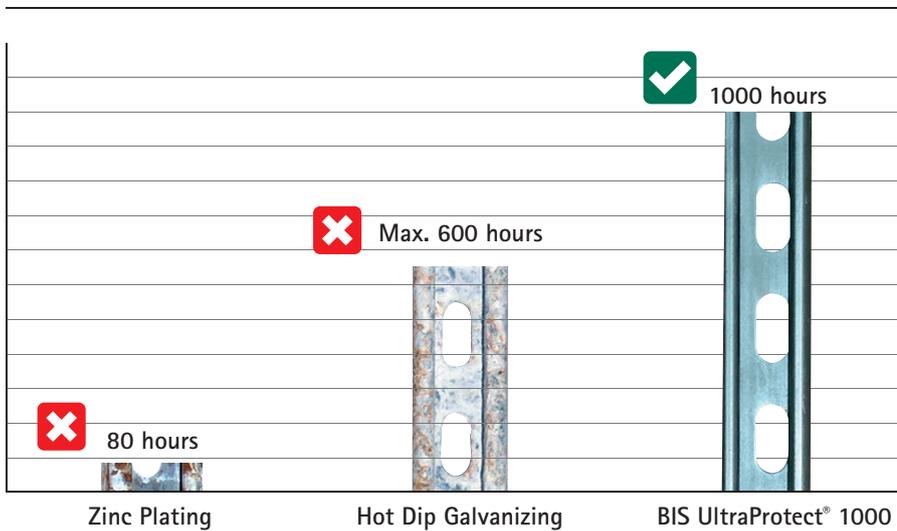


* Until the occurrence of maximum 5% red rust.

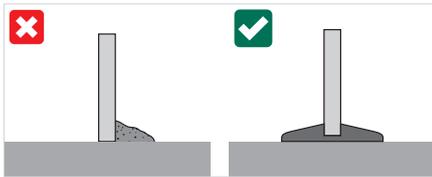
** The warranty terms can be found on our website walraven.com.



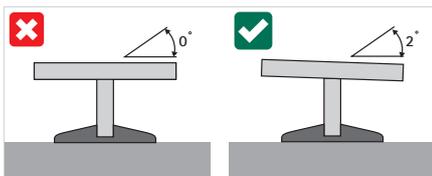
The proof after 1000 hours salt spray test



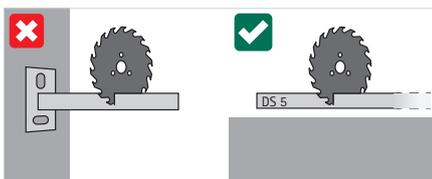
Installation Instructions



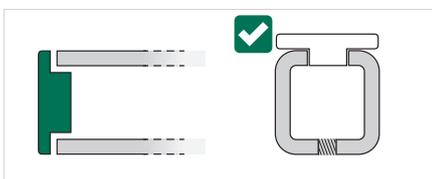
Design the system in such a way that there is no possibility of water or waste - organic or otherwise - stagnating around metal BIS UltraProtect® 1000 products. Use for example a BIS Yeti® or BIS Ursus to lift the BIS UltraProtect® 1000 System.



To make sure water runs off freely, place the BIS UltraProtect® 1000 parts at an angle of at least 2°.

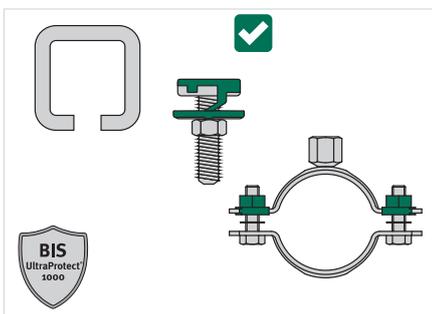


Because the BIS RapidStrut® DS 5 Fixing Rail contains self repairing properties it is possible to cut the rail to length to meet your needs. The cut edges remain protected against corrosion. We strongly advise that you do not cut the BIS UltraProtect® 1000 Cantilever Arms as this will leave the cut edges unprotected.



Fit the rail or cantilever arm with a BIS Rail End Cap (656 6 0XX) for clean finishing of rail end and to cover all burrs.

To prevent the accumulation of dirt inside the rail, use the BIS Strut PVC Profile (656 6 999) to close the slot (when fitted on top).



In order to comply with the warranty terms and conditions* it is important that any installation only uses BIS UltraProtect® 1000 products in a system. A system with BIS UltraProtect® 1000 products in combination with other zinc treated metals like zinc plated, pre-galvanized or hot dip galvanized products is technically possible, but due to the shorter life span of non-BIS UltraProtect® 1000 products the total life span of the installation cannot be guaranteed.

To prevent galvanic corrosion BIS UltraProtect® 1000 should not be combined with any other materials including aluminium, stainless steel, copper or untreated steel.

* The warranty terms can be found on our website walraven.com.

BIS RapidStrut® DS 5

Strong and versatile



BIS RapidStrut® DS 5 has a unique hole pattern, allowing BIS RapidStrut® Accessories to be mounted quickly on both sides of the rail.

The chosen surface treatment contains self repairing properties. When the rail is shortened, the cut edges remain protected against corrosion.

Features and benefits

- Rail can be used on both sides
- High corrosion resistance (BIS UltraProtect® 1000)
- Corrosion protection remains intact after cutting
- Dimension: 41 x 51 x 2 mm
- Strength minimal equal to Strut 41 x 41 x 2.5 mm
- Available in length 3 or 6 m

BIS UltraProtect® 1000 Range



A selection from the range



■ BIS RapidStrut®
DS 5 Fixing Rail



■ BIS Ursus Foot



■ BIS RapidStrut®
Wall Plate



■ BIS 4000 Clamps



■ BIS Yeti®



■ BIS Bifix® G2



■ BIS RapidStrut®
Rail Angular
Connectors G2



■ BIS RapidStrut®
Cross
Connectors G2



■ BIS RapidStrut® Rail
Connectors G2



■ BIS RapidStrut®
Cantilever Arms



■ BIS RapidStrut®
Rail T and
X-Connector G2



■ BIS Threaded Rods



■ BIS RapidStrut® Slide
Nuts G2



■ BIS Hexagon
Head Bolts



■ BIS RapidStrut®
Hammerfix G2



■ BIS Heavy Duty
Clamps HD 1501

Find out how we can support

Would you like to find out more about any of the solutions described in this brochure?
Or would you like to discuss how we could support you to find the best possible solution for your project? Get in touch today!

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