



Warranty

J. van Walraven Holding B.V. declares that
all metal products and parts within the

BIS UltraProtect® 1000 system

are subject to a

1000 hours salt spray warranty

This warranty applies to the quality of all systems constructed using BIS UltraProtect® 1000 products. Subject to the conditions of this document, this warranty covers the structural integrity (i.e. the non-perforation and non-rupture due to corrosion) of any of the installed BIS UltraProtect® 1000 products.



Terms & Conditions

1. Extent of the warranty

- 1.1 1000 hours salt spray indicates the resistance of the BIS UltraProtect® 1000 products against a salt spray test according to ISO 9227 for at least 1000 hours.
- 1.2 Walraven BV's liability in pursuance of this warranty shall be exclusively limited, at the choice of Walraven BV, either to the cost of repairing the faulty parts or products. The replacement products must be BIS UltraProtect® 1000 products of the same type and with the same specifications as the original or similar products.
- 1.3 Under no circumstances shall Walraven BV be liable for labour costs or other costs incurred due to the faulty products, or for repairing direct or indirect damage caused by the faulty products.
- 1.4 All warranty claims shall be sent in writing as soon as possible after the damage occurs to Walraven BV, which shall be allowed to inspect the items deemed to be faulty. The Client shall detail in its claim the precise identification of the products deemed to be non-compliant, including supplier, the order number, the invoice number, the shipping date and the installation date.
- 1.5 The Client shall do everything possible to facilitate the inspection of the products by Walraven BV and to limit building reinstatement costs.
- 1.6 This warranty is granted to the Client of Walraven BV and to the Client alone.
- 1.7 It is agreed that the warranty shall not apply in the event of damage caused to products during transportation, due to incompetent installation or insufficient maintenance.
- 1.8 This warranty is covered by the laws of the Netherlands. Any dispute shall be settled before a Dutch court. Only the English version of this text shall be deemed authentic.

2. Application conditions

The 1000 hours salt spray warranty applies to all systems constructed with BIS UltraProtect® 1000 products:

- 2.1 Situated in outside locations with a normal atmospheric corrosivity category (C1 - C4 as per ISO 12944-2), in other words excluding those in highly polluted areas or areas less than 2 km from the seafront and/or subjected to permanent spraying with fresh water or salt water (corrosivity category C5-I and C5-M as per ISO 12944-2).
- 2.2 Exposed to moderate corrosive emissions, in other words excluding those subject to the fallout of corrosive chemical products of any kind, air, smoke or rainwater containing (traces of) carbon, sulphur, deposits or particles of other metals such as iron or copper, acid or alkaline products such as ash, cement dust or animal excrement.
- 2.3 It should be assured that the cleaning processes and detergents used to clean, do not damage the coating of the BIS UltraProtect® 1000 products.
- 2.4 The visual aspect of the cut edges and discoloration of the BIS UltraProtect® 1000 products due to run off from cut edges or adjacent parts (made of any material) is not covered by this warranty.
- 2.5 This warranty against corrosion is not valid for areas with high abrasion (desert zones with strong wind and sand abrasion).
- 2.6 Systems built with BIS UltraProtect® 1000 products are to be inspected annually by the Client or its authorised representative. They are to be cleaned regularly and any accidental damage noted is to be repaired (scratches, dents etc).
- 2.7 It may be agreed at the moment of inquiry and order that special precautions concerning inspection and maintenance have to be taken:
 - All parts of the system are to be inspected annually and any accidental damage noted is to be repaired (scratches, dents, bulges, etc.)
 - An annual maintenance of the entire installation in order to remove any deposit of dirt, leaves and other debris that can hinder the free discharge of water, and an additional washing of the system is to be done. It should be assured that the cleaning process and detergents used do not damage the coating of the BIS UltraProtect® 1000 products.
 - In case of a claim evidence of such inspection and maintenance shall be provided.

3. Construction rules

To ensure the warranty applies, the following rules must be complied with during installation.

- 3.1 The system is build with solely BIS UltraProtect® 1000 products. Elements of the system do not come into contact with other.
- 3.2 The system shall be designed so that there is no possibility of water or waste – organic or otherwise – stagnating on or in any of the products, including on the fixings and in and under the profile flanges.
- 3.3 Each element of the system should be placed under an angle of at least 2 degrees.
- 3.4 Elements shall not contain any copper or lead parts in direct contact with the BIS UltraProtect® 1000 products, or any material liable to cause corrosive run-off onto the BIS UltraProtect® 1000 products. They shall be suitably shaped to prevent any local indentation of the BIS UltraProtect® 1000 products, which may prevent rainwater from draining off freely.
- 3.5 BIS UltraProtect® 1000 products that have sustained damage of a mechanical or chemical nature during transportation, storage or assembly shall not be used. BIS UltraProtect® 1000 products that sustain damage after assembly shall be replaced before construction work comes to an end.
- 3.6 All contact with wet insulation materials, impregnated wood and other corrosive products is to be avoided.
- 3.7 After fitting, all tools, debris and miscellaneous items must be removed. Pencil or pen marks and any other type of marking must be removed. BIS UltraProtect® 1000 products are to be inspected annually by the Client or its authorised representative. They are to be cleaned regularly and any accidental damage noted is to be repaired (scratches, dents etc).

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