

## 10 YEAR GUARANTEE ON POWDER-COATING & ANODISATION

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**Valid for:** **Alural Group** - Westdijk 139 - 2830 Willebroek (B) that consists of:  
**Alural Belgium nv** Jozef De Blockstraat 69 - 2830 Willebroek (B)  
**Alural Lummen nv** Dellestraat 16 - 3560 Lummen (B)  
**Alural Polska Sp.z o.o** Ul. Okulikiego 12a - 05-500 Piaseczno (PL)

**Grants a Guarantee to:** **SPECIMEN** .....

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A guarantee is granted for the preparation treatment and the surface protection of aluminium profiles/sheets by means of powder-coating and anodisation in accordance with the current Qualicoat & Qualanod standards at the above-mentioned sites of the Alural Group.

### ***Term of the guarantee***

The term of the guarantee is 10 years.

The term of guarantee for filiform corrosion is also 10 years, however this only applies in the following cases:

- For the application of a single-layer system with the use of AA6060/6063 alloy whereby Si < 0.55%, Cu < 0.02% and Pb < 0.022% for extruded aluminium profiles and alloy ALMG1 or ALMG3 for sheets.
- If the above-mentioned alloy is not used:
  - Pre-anodisation as preparation treatment (+polyester)

### ***Scope of the guarantee:***

#### For powder-coating:

- Loosening (class 2 according to ISO 2409), flaking, cracks and blistering, with the exception of cracks or crevices that may occur on sharp corners as the result of shaping or bending objects or profiles and which are considered to be normal;
- Corrosion, including filiform corrosion;
- Chalking levels higher than the value of 4 measured according to the ASTM D4214-89 standard against a cleaned surface;
- Fading which is higher than the values indicated in Qualicoat's Delta E table (colour differences (wrong deliveries) are not covered);
- Loss of gloss, namely if the gloss is 50% less than the original level of gloss (on material at viewing angle of 60° and if the initial gloss is not lower than 60%) according to the ISO 2813 standard.

#### For anodisation:

- Corrosion;
- Loss of gloss, namely if the gloss is 50% less than the original level of gloss (on material at a viewing angle of 60° and if the initial gloss is not lower than 60%) according to the ISO 2813 standard.

Alural Group reserves the right to claim compensation from coating suppliers for the damage caused by the deficiencies of the supplied coatings.

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### *Validity of the guarantee*

For all construction projects in all European countries; other countries upon request.

### *Obligations*

In order to benefit from the guarantee provided, our customers must follow the guidelines for builders, contractors or system suppliers, as described in the quality manual issued by the Aluminium Centre Belgium (latest version). However, local trade guidelines may apply for other countries.

In addition, the following cleaning guidelines are to be adhered to:

- At least 2 times annually or at least 4 times annually in aggressive environments or on rain-free parts or with the same frequency as glass;
- Never use solvents such as petrol, acetone, etc., strong alkaline or acid products, or sandpaper or scouring pads.

**In addition for all construction projects outside Europe, the excess - at own risk of the client - will amount to 20% of the total cost of repairs, with a minimum of € 5.000,00. In addition, a flat fee of € 1.250,00 per claim will be charged to the client for covering the initial expenses of assessment.**

### *Main exclusions*

1. Damage caused by unintentional and intentional actions or serious misconduct;
2. Damage caused by fire (temperatures higher than 80°C), war, unrest or natural disasters, etc.;
3. If the damage is not reported immediately.
4. Damage caused by non-compliance with the rules of good practice as stipulated in the quality manual published by the Aluminium Centre Belgium or at least in accordance with the local trade guidelines.
5. Damage caused by one or more galvanised connectors due to the use of and/or alloys which are not compatible with the substrate.
6. Damage to the material caused by shaping or bending after the coating has been applied.
7. Damage to edges or edge parts that were not coated, as well as those parts of objects, profiles or material with a curve or bend radius lower than 0.5 mm.
8. Miscellaneous damage to the coating as a result of:
  - the corrosive effect of products used in construction such as lime, cement, sealants, solvents, etc.
  - abnormal use, wear and normal ageing
  - deformation of the supporting surface
  - causes of mechanical origin
  - considerable and heavy thermal shocks or thumping
  - friction against blunt objects
  - damage that does not affect the aesthetical aspect of the work
  - incorrect water management of the design
  - insufficient protection during the construction phase
  - aggressive environmental conditions, except for powder-coating an application of pre-anodisation as preparation and for anodisation an application in compliance with class 25
  - the use of aggressive substances
  - non-compliance with the maintenance guidelines
9. Indirect or intangible damage, including delays in the execution of repairs;
10. Damage which is not visible at a distance of 3 m;
11. The guarantee is void in the event that the contracting party fails to pay the amounts owed to Alural on the due date.

Guy Henckaerts  
Managing Director

The Alural Group.