

## Terms of the guarantee for anodized coatings Aliplast Extrusion Sp. z o.o.

### 1. Subject matter and scope of the guarantee

1. The subject matter of the guarantee consists of the correct parameters of anodised coating and, in particular: the thickness of anodised coating (as understood by Qualanod), resistance to corrosion including filiform corrosion, resistance of colour to change including to ultraviolet radiation (as understood by Qualanod).
2. The guarantee covers the due execution of anodised coating as regards:
  - 5-year guarantee of the compliance of anodised coating thickness (as understood by Qualanod),
  - 5-year guarantee of the protection of the surface of aluminium elements from corrosion and filiform corrosion,
  - 5-year guarantee of colour resistance to change.

### 2. Validity

The guarantee is valid only if conditions presented below are met. If one of them is not met all rights under the guarantee shall expire. The burden of proof that the conditions mentioned below have been met rests on the party invoking the guarantee.

### 3. Conditions

1. For the correct operation of products to be retained, they have to be used, maintained and stored in standard atmospheric conditions (temperature and air pressure) with no aggressive factors.
2. The structure or aluminium element was executed in line with general rules applied in the aluminium joinery area and in line with shop catalogues of the aluminium joinery producer referring to the processing.
3. No glues, sealants or cleaning agents causing permanent damage to the anodised layer structure (e.g. change of colour, pitting, etc.), including damage revealing itself after some time, were used for the production of the aluminium structure.
4. Regulations relating to surface protection were complied with during the production, transport and embedding:
  - coolants and lubricants not destroying the anodised surface were used for mechanical processing,
  - silicones, sealings, glazier's putties, lubricants and coolants applied for the mechanical processing should have attestations, neutral pH (ca. 7) and include no substances noxious for the coat of paint and oxide film,
  - after the mechanical processing, the aluminium surface was degreased and protected with the use of products that do not damage the anodised surface,
  - surfaces of aluminium elements were protected from the contact with corrosive substances, acids and bases and, in the case of anodised surfaces, direct contact with lime, cement and other alkaline construction materials was avoided,
  - lining of decorative coats for the needs of the processing, transport or assembly were done exclusively with the use of specialist tapes (tested on invisible surfaces),

- aluminium surfaces were carefully protected during the transport and assembly.
5. The surface of aluminium structures and elements has been professionally and regularly maintained in line with Qualanod rules and with item 6 of this guarantee.

#### 4. Exemptions from the guarantee

The anodised coat and corrosion resistance performance guarantee does not cover:

1. Unless the parties agree differently, mechanical and chemical damage to coats exposed to an aggressive environment defined in categories 3, 4, 5 of corrosiveness (appendix 4) when in use.
2. Damage resulting from improper or careless transport, i.e. scratches, mechanical damage to an element on anodised coat.
3. An aluminium structure or element executed not in line with the rules applied in the aluminium joinery industry.
4. Defects arising after the delivery of aluminium elements to the Ordering Party, as a result of the actions taken by the Ordering Party or by third parties including installation or structural mistakes.
5. Defects resulting from circumstances beyond one's control, i.e. major force, acts of God or due to rapid temperature changes (thermal shock).
6. Defects resulting from an improper use of aluminium elements, surface damage due to the failure to comply with specified maintenance terms.
7. Wear and tear or normal aging process.
8. Surface deformations due to excessive stresses caused by unacceptable loads on aluminium elements or as a result of mechanical or forming processes executed after the anodizing process.
9. Surface damage due to the use of unauthorised materials, i.e. sandpaper, wire brushes, etc.
10. The existence of stains and discolorations being the natural component of the exposure of aluminium elements to ultraviolet radiation or other atmospheric conditions.
11. Aluminium material used by individuals not trained by the Buyer or user of materials as regards the production or maintenance.
12. Aluminium elements installed in combination with materials such as certain metals, e.g. copper and lead, causing galvanic corrosion.
13. Aluminium elements installed in combination with certain types of wood, e.g. oak or walnut.
14. Aluminium elements damaged due to contact with alkaline and chemically aggressive substances or exposed to an aggressive environment (e.g. water vapour environment, significant pollution with sulphur, carbon, nitrogen oxides and dusts).
15. Aluminium elements not duly protected in storage (e.g. exposed to atmospheric conditions: rain, hail, etc.) and during construction works.
16. Defects not impacting the normal aesthetic outlook of the elevation.
17. Claims resulting from indirect effects being the consequence of defects covered under the guarantee such as the loss of satisfaction with the structure, temporary immobilisation of operations, loss of customers, etc.
18. Claims resulting from an improper maintenance of aluminium elements according to item 8 of these conditions.
19. The service involving the removal of anodised coat ("stripping") and its reapplication.

## 5. Storage conditions

Aluminium elements have to be stored in dry areas not exposed to humidity and sunlight.

## 6. Coat quality tolerance

1. Coat appearance is evaluated on a surface of material significance. The Ordering Party has to specify the surface of material significance (evaluated after service completion) being a part of the total surface, material from the perspective of the appearance and usefulness of the product. Edges, larger recesses and secondary surfaces are not considered materially significant.
2. The evaluation of anodised coat and the classification of defects take place in line with the workmanship tolerance system and with Qualanod guidelines. Anodised coat of aluminium profiles delivered to the Ordering Party has to be inspected at the distance of 6 m with 300 lx illumination at the 60° angle.
3. As a result of ultraviolet radiation and atmospheric conditions, natural stains and discolouring not covered by the guarantee can occur in the structure.
4. Aluminium elements facing different directions change their appearance in a varied manner.

## 7. Coat maintenance

1. To avoid the dirt build-up on the surface, wash the elevation / elements of the door and window joinery at least four times a year. Those parts of the structure that the rain cannot reach should be cleaned as often as the windows. Elements not cleaned for a few years usually have to be cleaned with abrasive materials that can damage the coat.
2. In the areas where the coating can come into contact with concentrated atmospheric pollution (chemical etc.) in industrial and seaside areas, cleaning will have to be done more frequently, e.g. once a month.
3. Aggressive cleaning agents such as preparations based on acids (e.g. for building mortars and glass) can cause damage in the form of stains or discolouring that, in turn, can initiate the corrosion process on surfaces coated with the anodised layer.
4. The use of organic solvents for the cleaning or maintenance work is not permitted.
5. To clean anodised aluminium profile, use only liquids with neutral pH considering producer's recommendations referring to the possibility to apply the preparation. Only use a soft cloth for cleaning. After washing, rinse anodised profiles with clear water and wipe dry using a soft cloth.
6. Do not use acidic and/or alkaline chemicals to clean anodised surfaces.
7. Maintenance services can only be rendered by firms or individuals having appropriate knowledge and experience relating to the maintenance of above-mentioned surfaces.

## 8. Validity of terms of the guarantee

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These terms of the guarantee apply to details executed by the Contractor and shall remain in force until revoked or changed.

The guarantee period starts on the date of issue of goods to the Ordering Party and cannot be extended due to guarantee repairs.

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