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SYSTEM GUARANTEE

REYNAERS
aluminium

Reynaers Aluminium guarantees that the Reynaers Aluminium systems meet the technical specifications and standards of the country and the product in question. The current processing and maintenance regulations mentioned in the Reynaers Aluminium catalogues determine the extent of this 10 year guarantee (a 5 year guarantee for wearing parts).

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OBJECT OF THE GUARANTEE

The products delivered by Reynaers Aluminium have the following properties and/or guarantees, with explicit exception of items detailed under the headings “validity” and “exclusions”.

ALUMINIUM

Standards extruded aluminium:

- Composition to standard EN 573 parts 3 and 4;
- Mechanical properties to standard EN 755 part 2;
- Tolerances to standard DIN 17 615 and EN 12020 part 2;

Standards rolled aluminium:

- Composition painted aluminium EN AW 1050 A H24 to standard EN 573 part 3;
- Composition anodised aluminium EN AW 5005 H14 AQ to standard EN 573 part 3;
- Mechanical properties to standard EN 485 part 2;
- Tolerances to standard EN 485 part 4.

PAINTING AND ANODISING

A 10 year guarantee on:

- Detachment, flaking and blistering;
- Corrosion, including filiform corrosion for material AlMgSi0.5F22 (AW6060) with additional requirements Zn ≤ 0.15%; Cu ≤ 0.02%; Pb ≤ 0.022%; Si: 0.30 -0.55%; Fe: 0.10–0.30%; Mg: 0.35%-0.60%; Mn ≤ 0.10%; Cr ≤ 0.05%; Ti ≤ 0.10%; other elements individually ≤ 0.05% together ≤ 0.15%; after treatment T66;
- UV resistance, discolouring and loss of gloss exceeding the defined tolerances, according to Qualicoat and Qualanod regulations (latest editions).

INSULATION

A 10 year guarantee on:

- Adherence between the polyamide strips and the aluminium;
- Preservation of the thermal and mechanical properties of the insulator, within the boundaries defined by the technical specifications.

ACCESSORIES

Accessories, gaskets and synthetic profiles:

- A 10 year guarantee on properties, functionality and design, within restrictions defined by technical specifications;
- Painting and anodising: see above;
- A 5 year guarantee on wearing parts only applies to normal and realistically foreseable use.

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CONDITIONS

DECLARATION

Any defect for which a guarantee claim is being made must be notified to Reynaers Aluminium by the fabricator in writing within one week of being identified, under penalty of dissolution of the right to appeal to the guarantee. Any form of compensation is excluded in case of a belated declaration. To be admissable, the guarantee claim must be accompanied by a copy of the Reynaers Aluminium invoice and a copy of the order form, with information regarding the building site added.

EXTENT OF THE GUARANTEE

The following items are covered by the guarantee (as indicated on the order):

- Repairs on-site;
- Re-delivery of the faulty product;
- Fabrication costs;
- Removal and refitting costs.

The total liability is restricted to three times the value invoiced by Reynaers Aluminium for the faulty material. Furthermore, in all cases of damage the most economical solution for all parties is pursued. The excess per claim amounts to 500,- EURO. Compensation under this guarantee is in all cases limited to 500.000,- EURO per claim.

VALIDITY

The guarantee is exclusively valid if the following conditions are fulfilled. If one of these conditions is not fulfilled, all rights of guarantee dissolve. The onus of proof that the following conditions were fulfilled falls on the party which appeals to the guarantee.

- The aluminium construction was fabricated using appropriate skills and to an industry-accepted level of craftsmanship and according to the Reynaers Aluminium catalogues and the Reynaers Aluminium processing and maintenance regulations;
- The protection regulations were observed, paying special attention to the following points:
  - After cutting and preparation, the non-protected parts must be deburred, degreased and protected with the products prescribed by Reynaers Aluminium;
  - The aluminium constructions must be systematically protected during transport and fitting and this by means of the protection tape prescribed by Reynaers Aluminium. This tape must be applied on a clean surface and must be removed after a maximum of 6 months.

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CONDITIONS

- The aluminium constructions were regularly and competently maintained, using non-aggressive cleansing agents in accordance with the Reynaers Aluminium processing and maintenance regulations, and particularly according to the following cleaning instructions:
  - method: the aluminium should be cleaned with tepid water with a non-aggressive, pH-neutral, non-acetose detergent, not containing ammonia. After the cleaning, Reynaclean or an equivalent product should be applied to preserve the colour and gloss;
  - frequency: in rural atmospheres and provided that the aluminium constructions are exposed to rain: twice a year. In all other cases: 4 times a year. For Coatex powders this frequency is 1 time a year for normal rural atmospheres and 2 times a year for all other environments.

  The Reynaers Aluminium maintenance regulations form part of this contract.
- In case of corrosive atmospheres, a prior agreement was reached with Reynaers Aluminium regarding the surface treatment process;
- Corrosive atmospheres or other risk factors (e.g. limited rain) require more frequent cleaning to be observed by the end customer. Examples of corrosive atmospheres are painted constructions fitted
  - near the coast (<25 km) or close to estuaria of large rivers;
  - above water (condense);
  - within industrial area;
  - within important urban area (exhaust of combustion gases);
  - exposure to large traffic (motorways, railways, airports);
  - very aggressive atmospheres (e.g. swimming pools, water treatment industry, laboratories, pollution by animals etc.).

EXCLUSIONS

The guarantee is not valid in the following cases:

- Damage caused deliberately or because of serious human error;
- Damage caused by circumstances beyond one's control, such as:
  - civil war, acts of terrorism or sabotage;
  - uprising, revolts, riots, strikes, lock-outs, claims;
  - volcanic eruptions, earthquakes, floods, tidal waves and all other natural disasters;
  - direct or indirect consequences of explosions, development of heat over 80°C, radioactivity, ionic radiation, poisonous, explosive or dangerous nuclear fuel or waste.
- All damage to the surface treatment:
  - due to non-observance of the processing and maintenance regulations, wear or normal ageing;
  - due to deformations of mechanical origin;
  - which does not influence the normal aesthetic aspect of the aluminium constructions;
  - due to cleaning with liquids or by contact with liquids or materials which the surface treatment cannot chemically resist.
- Damage caused after processing of the profiles; being a.o. damages caused during transport to and at the site during the construction phase.

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- All claims for compensation of damage resulting from the initial damage, such as loss of enjoyment, unemployment, immobilisation, depreciation, loss of customers, etc.;
- Damage due to the improper use of the aluminium constructions;
- Irresponsible delay in the execution of repairs or possible preventive touching-up which was decided on as a result of inspections, controls or tests;
- Damage as a result of a continuous or abnormal immersion in watery solutions, except in case of explicit prior acceptance by Reynaers Aluminium expressed in writing;
- Direct or indirect damage as a result of the development of cracks, bursts or corrosion in the aluminium constructions which were deformed or bent after the application of paint or anodising;
- Damage due to contact with materials, such as certain metals (copper, lead,...) which can cause a galvanic couple, timbers (oak, walnut,...) which can secrete an acid which can corrode the metal, and lime or cement which are very alkaline and which can permanently damage the surface;
- When the contractor does not fulfil his payment obligations or did not fulfil them punctually;
- When third parties, without explicit prior acceptance by Reynaers Aluminium expressed in writing, have carried out work on the aluminium constructions;
- When special regulations regarding the painting processes/anodisation processes and maintenance to be applied where the aluminium products are located in special atmospheres (near the coast, industry, aggressive atmospheres, etc.) were not observed;
- Colour differences which could be noticed BEFORE fitting should be reported before fitting and can consequently not give cause for replacement of the elements;
- Non-standard colours: for these a guarantee is only given with regard to adherence, not concerning properties and/or visual aspects;
- Materials put at the disposal by the customer: no guarantee is given with regard to corrosion or filiform corrosion;
- The system guarantee is no longer valid when using non-Reynaers components.

INSURANCE

Reynaers Aluminium has acquired an insurance policy to support this guarantee - policy 310/3.016.189 - to the value of 500.000,- EURO. Specific cover or cover exceeding this amount can be arranged by mutual agreement.

PERIOD OF VALIDITY OF THE GUARANTEE

This guarantee applies to deliveries from the 1st January 2010 onwards until the 31st December 2010.
The guarantee period comes into effect on the date of the Reynaers Aluminium invoice.
The guarantee period shall not be renewed or extended by repairs.

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MAINTENANCE REGULATIONS

Reynaers offers care products for both the finishing and maintenance of aluminium products. These products can be used during the production and/or assembly or for maintenance after installation. Reynaers offers care products for both constructors and end-users:

		professionals	end-users	coated surface	anodised surface
REYNAPROTECTOR	To seal profile edges and prevent corrosion	x		x	x
REYNASEAL DUO	• Two component glue to glue aluminium profile corners • After application powder coating is possible • Processable at 7° C • Compatible with other products such as Reynaprotector	x		x	x
REYNAFINISH 60	• Cleaner/degreaser that removes 'fresh' adhesives from corner angles and protection foil residue, wax pencil and rubber trace marks, pur foam, sealants, tar,... • Multifunctional: also suitable for Coatex* colours and other surfaces • Non-dissolving ** Except residue from concrete and plaster*	x		x	x
REYNAWASH COLOR	• Colour cleaner for periodical application and maintenance • For all surfaces, including Coatex surfaces, powder coated and film-laminated frames, as well as the glass surfaces • Solvent free • Ph-neutral		x	x	
REYNAWASH ANO	• Cream cleaner for periodical application • For all anodized aluminium surfaces • Adds new gloss to older profiles • Solvent free		x		x
REYNOVATOR 718	• All-in-one total renovation oil • Used for restoration, conservation and maintenance of already installed aluminium systems (powder coated and anodized) • Protection against oxidation • Adds gloss • Restores protective coating		x	x	x
REYNACARE BOX	• Combination of all necessary maintenance products for long lasting enjoyment of your aluminium systems • This box includes: - Reynawash color: 200 ml - Fitting oil: guarantees the smooth running of the mobile parts & protects against corrosion - Maintenance stick: prevents gaskets from clinging - Cleaning cloth: non-pilling		x	x	

General remarks regaring the use of these products:

Carefully read the product prescriptions applied on the products.

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TOUCHING UP THE PAINT

When the paint coat has partly disappeared because of damage, this can be touched up by using the touch-up pencil which is available in all colours.

PROTECTION

- **Reynatape**
  To avoid mechanical and/or other damage (e.g. cement, lime or paint) to the aluminium one should use the white PVC 'Reynatape'. This protective tape, available in different widths, protects your aluminium constructions whilst other works are being carried out. The tape should not remain on the aluminium for more than 6 months.

  Remark:
  Reynatape doesn't attach on structure coatings. For this application a red protective tape is available.

For more information go to www.barbourproductsearch.info

This guarantee is offered by: .....

.....

to: .....

.....

project: .....

.....

signature: ..... date of Reynaers invoice: .....

REYNAERS
aluminium

WE BRING ALUMINIUM TO LIFE

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Your Reynaers Aluminium fabricator

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