



WARRANTY CERTIFICATE

RENOLIT ALKORPLAN

Date:

Warranty number:

Project:

▶ Address:

Approved Contractor:

▶ Address:

Date of completion of specified roof waterproofing membrane:

▶ Start:

▶ End:

Details of specified roof waterproofing membrane:

▶ Type:

▶ Colour:

▶ Area (m²):

Details of specified roof system:

▶ Roof deck: **(e.g. type and thickness of roof deck)**

▶ Vapour barrier: **(e.g. type and thickness of vapour barrier)**

▶ Insulation **(e.g. type and thickness of insulation)**

▶ Separation layer: **(e.g. type and mass per unit area of separation layer between insulation and membrane)**

▶ Protection layer: **(e.g. type, thickness and/or mass per unit area of protection layer between ballast and membrane)**

▶ Details system: **(e.g. type of fasteners, type of adhesive, type of ballast, type of perimeter fixation, etc.)**

Date of completion of specified roof waterproofing membrane:

▶ Start:

▶ End:

New Roof / Refurbishment:

▶ Height of roof (m):

▶ Slope (mm/m):

Installation system:

Loose laid + ballast

Mechanically fastened

Adhered

Garden roof

Signed:

For and on behalf of **RENOLIT** Ibérica s.a.

Signed:

For and on behalf of the approved contractor

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TERMS AND CONDITIONS

1. Purpose of the warranty

1.1. **RENOLIT Iberica SA**, a company established under Spanish law, located at Carretera del Montnegre s/n, 08470 Sant Celoni, hereinafter called **RENOLIT**, guarantees the watertightness of the delivered and explicitly specified membrane **RENOLIT ALKORPLAN BRIGHT / SMART**, with an effective thickness $\geq 1,5$ mm (herein after called **RENOLIT** roof membranes), used for the waterproofing of flat roofs for a period of maximum 20 years starting from the **RENOLIT** invoice date.

1.2. Should a lack of watertightness of the **RENOLIT**-roof membranes occur during the warranty period due to an incorrect product design, an incorrect system design, a manufacturing flaw, or inaccurate installation instructions issued by **RENOLIT**, **RENOLIT** shall undertake to return the guaranteed surfaces in a manner to be determined by her, acknowledged by **RENOLIT** as defective and limit to this, to a watertight condition, bearing in mind normal product wear and tear within the following limits:

1.2.1. **RENOLIT** will deliver, free of charge, the **RENOLIT**-roof membranes and the **RENOLIT**-accessories, required for the repair or replacement of the supplied and invoiced **RENOLIT**-roof membranes acknowledged as defective.

1.3. Neither the repair nor the replacement of the **RENOLIT** roof membranes acknowledged as defective shall have the effect of extending the duration of the warranty period.

2. Exclusions

Excluded from this warranty are:

2.1. Damage caused by poor storage, installation or maintenance of the **RENOLIT**-roof membranes and the **RENOLIT**-accessories and in particular if the work was not carried out in accordance with the **RENOLIT**-installation instructions and the rules of the art valid at that moment.

2.2. Damage caused by abnormal stresses to the **RENOLIT**-roof membranes, due to unsuitable or faulty construction;

2.3. Damage caused by a modification of the initial purpose of the building;

2.4. Damage caused by chemical products and/or mechanical assaults;

2.5. Damage caused by external factors: rodents, birds, fungi, algae, fireworks, lightning strikes, cigarettes, pollution, frequent access, etc.

2.6. Damage caused by force majeure, in particular storms:

2.6.1. wind force damaging similar buildings, within a radius of 10 km around the roof with a wind gust reaching 100 km/h according the nearest Metrological Institute;

2.6.2. hailstones damaging similar buildings, within a radius of 10 km around the roof reaching an A1 hail classification (ANELFA), according the nearest Metrological Institute;

2.7. Personal injury, operating losses, progressive or gradual losses, secondary losses;

2.8. Costs due to a lack of appropriate insurance coverage by the customer.

2.9. Aesthetical considerations. The colours of the **RENOLIT**-roof membranes shall meet the UV-resistance specified in the relevant UEAtc technical guide, but they remain subject to the natural evolution over time (atmospheric pollution, etc.) and to external circumstances (industrial areas with exhaust fumes, etc.). Any variation of colour, including the effect on the solar radiation index, shall not be covered by this warranty. In the event of the repair or replacement of the **RENOLIT**- roof membranes during the warranty period, the aesthetic aspect of the **RENOLIT**-roof membranes or the finishing of details shall not be taken into consideration.

3. Conditions for implementing the warranty.

3.1. Defects covered by this warranty have to be reported in writing (registered mail) to **RENOLIT** no later than 5 days of discovering the defect, under penalty of exclusion from the warranty. **RENOLIT** must have the opportunity to have access to the roof of the building at all times, for the purpose of carrying out all inspections considered necessary in order to assess the integrity, the nature and significance of the alleged claim, without any implied acceptance of responsibility. All costs incurred by **RENOLIT** following an unjustified warranty claim shall be borne by the customer with a minimum of € 3.000. All appropriate safety precautions must be fully enforced to avoid any damage from leakage. The owner shall take all safety measures to avoid any further damage as soon as the defect has been discovered. These measures should not disturb the experts' findings in the event of expertise. This work must be documented (photographic reports, etc.).

3.2. The invoking of the warranty shall only be taken into consideration provided the following terms and conditions are fulfilled:

3.2.1. The total amount invoiced related to the project must have been paid in full within the initially specified deadlines;

3.2.2. After issuing the certificate of warranty neither the roofing company and his roofer, nor a third party is allowed to carry out any repair work without the prior and written consent of **RENOLIT**, with exception of the protective measures.

3.2.3. The owner of the object is obliged to have the roof inspected at least twice a year and to have the roof maintained at least once a year. This must be carried out in accordance with enclosed Annex 1.: "Inspection and maintenance of flat roofs with **RENOLIT**-roof membranes". All inspection and maintenance must be documented in a logbook and presented to **RENOLIT** on request;

3.2.4. The 20-year warranty period will only remain valid (irrespective of when any defect occurs) if roof inspections are carried out at intervals of not more than 5 years, with the first inspection being at latest 3 months before the 10th year starting from the invoice date. Inspections must be carried out in accordance with Annex 2.: "Inspection visit to maintain the warranty of the **RENOLIT** roof membranes", by a **RENOLIT** representative, at the cost and request of the customer. Without inspections the warranty becomes automatically void.

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ANNEX

1. Inspection and maintenance of flat roofs with the **RENOLIT**-roof membranes

The owner is obliged to have the roof inspected at least twice a year.

The owner is obliged to have the roof cared and maintained at least once a year, including normal repairs, in particular those relating to the seams, the connection and the finishing of the **RENOLIT**-roof membranes to edges and details. The **RENOLIT**-roof membranes can be easily repaired in the event of accidental damage with **RENOLIT** material in accordance with the **RENOLIT**-installation instructions.

The owner can outsource these activities, by preference to the initial roofing company and his roofer with a valid **RENOLIT**-certificate for a qualified roofing company and his roofer, but remains responsible of the inspection outcome. Other companies should demonstrate their qualification.

The purpose of inspection is finding out the status of the **RENOLIT**-roof membranes including connections, fittings, penetrations, roof traffic areas, etc. The results of the inspections shall be documented in writing. The (photographic) report should include descriptions of the damages found, and if necessary details concerning further inspection. It should also indicate what measures should be taken and how urgent these are.

Maintenance includes the following aspects:

1. Removal of leaves, dirt, encrustation, sedimentation, sludge, (organic) debris, pollutants, algae growth, moss, etc.;
2. Cleaning of roof outlets including overflows;
3. Gentle cleaning of the **RENOLIT**-roof membranes, ease of detecting damage, (superficial) cracks, etc.;
4. Verification of the good flow of the rainwater and the presence of standing water (max 5 % of the affected area in the affected zone area and max 5 mm depth);
5. Verification of airtightness of details;
6. General inspection including all visible equipment on the roof;
7. Consult the roof traffic register to make sure that no damage occurred during access;
8. Normal repair, for instance welding a new piece of **RENOLIT**-roof membrane on a damaged spot

Inspection report, maintenance report and roof traffic register must be available for the **RENOLIT** representative upon request. In case of a particular problem detected during inspection and/or maintenance the owner should inform the **RENOLIT** representative.

2. Inspection visit to maintain the warranty of the **RENOLIT**-roof membranes

The owner shall take the initiative, under penalty of exclusion, to organize a site visit of the project mentioned. **RENOLIT** and the owner shall agree on the visit dates in good faith.

1. Inspection visit 3 months before the end of the 10th year starting from the **RENOLIT**-invoice date;
2. Inspection visit 3 months before the end of the 15th year starting from the **RENOLIT**-invoice date

The **RENOLIT** representative will:

1. Verify if the **RENOLIT**-roof membranes are installed according to the relevant **RENOLIT**-technical approval;
2. Verify if the relevant **RENOLIT**-installation instructions are respected;
3. Verify if the roof and roofing details have been executed with the **RENOLIT**-accessories;
4. Verify if a **RENOLIT** ALKORPLAN walkway is installed;
5. Verify if the roofing company and his roofer are (still) in the possession of a valid **RENOLIT**-certificate for a qualified roofing company and his roofer;
6. Verify if the logbook with roof traffic register, inspection report and maintenance report contain the necessary information;
7. Verify if care, maintenance and normal repair obligations have been respected;
8. In case of doubt make destructive testing at the cost of the owner

The **RENOLIT** representative shall provide a visit report to the owner including any corrective actions to be taken in order to ratify the warranty contract, the **RENOLIT** representative will indicate if an additional inspection is necessary. Corrective actions are at the cost of the owner.

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