



Roto NT sets standards

10 year performance warranty



Roto NT

10 year performance warranty Quality is our priority

A company's quality awareness is reflected in its guarantee. Time and again Roto NT sets new standards. With two pre-conditions, it is now possible for us to hand on the unique quality standard to our partners in the form of a 10 year performance warranty:

- 1. RotoSil Nano** – a unique surface-finish.
- 2. Systematic quality control** from research and development through to production.

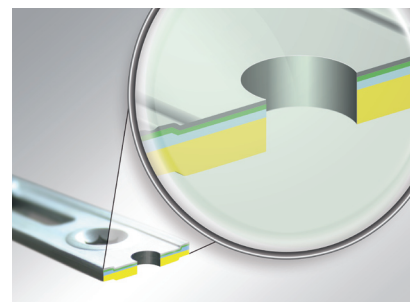
RotoSil Nano provides first-class corrosion protection.

Our customer's windows are sold worldwide and must endure the most varied climatic conditions.

The unique surface-treatment 'RotoSil Nano' supports our global quality control requirements using modern technology, and sets worldwide standards in nearly all conditions.

The new RotoSil Nano surface-finish sets standards across the industry.

The RotoSil Nano coating technology offers the highest surface protection available. We have succeeded in creating a surface treatment with the help of tiny Nano particles that is equipped not only with optimal corrosion protection, but also unique self-healing properties. A quantum jump in surface treatment technology – available as standard and without surcharge from Roto.



Nano coating technology determines quality

- Aesthetical sealing
- Nano particles and chromium VI free passivation
- Zinc layer
- Basic material: Steel



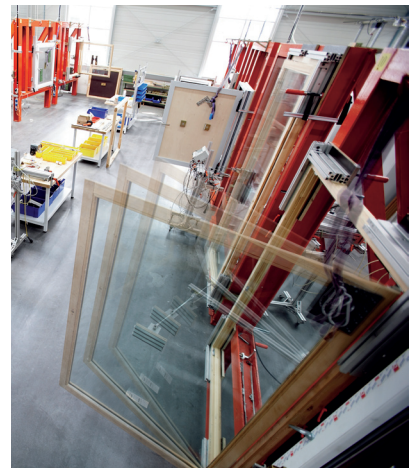
Every individual NT component guarantees exemplary production and test methods

Systematic quality control – from idea through to production.

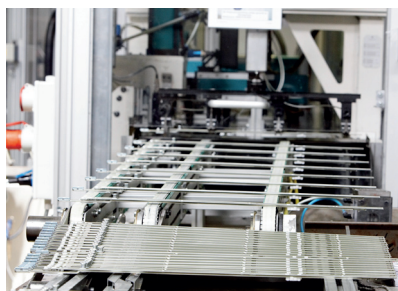
The foundation stone for a new quality standard is laid in the development phase. Three-dimensional computer models simulate forces and eliminate possible component failure in advance. All design processes undergo error analysis methods.

Only intensive controls lead to 100% quality.

To maintain NT quality standards raw material is pre-checked on receipt. If it passes this test, further checks are carried out at regular intervals in the running production. Naturally every component is tested in accordance with the current standards and regulations. NT quality withstands daily corrosion tests, exceeding up to four times the required regulations.



20,000 tilt cycles and up to 30,000 turn cycles: the most important NT components are tested beyond the current standards and guidelines.



We trust in NT quality and are happy to pass on this certainty to you – with a guarantee that sets standards.

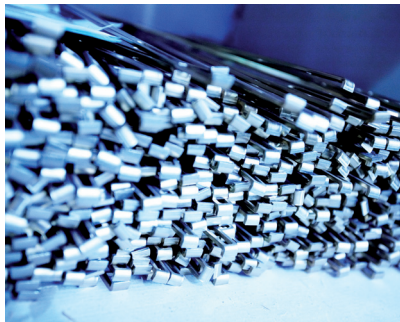
The guarantee (performance warranty) points the way ahead

Roto has a benchmark status in the testing sector. This is equally valid for engineering as well as implementation. The independent TÜV certification confirms this.



The new RotoSil Nano surface-finish sets quality standards across the industry. The TÜV certified quality control requirements, warrants that every individual NT component is in accordance with our quality standards.

Only this exemplary quality management enables us to set new standards: The 10 year guarantee (performance warranty) for our partners – this is our benchmark.



Roto Frank AG
Window and door technology

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10 year guarantee
for Roto NT standard windows

Guarantee conditions and guarantee period
Roto warrants a 10 year guarantee on the hardware components in Roto NT standard windows. The guarantee is exclusively for the benefit of original fabricators that have installed the Roto hardware components in windows that they themselves have produced. All other partners are excluded from the guarantee.

The guarantee is only valid for hardware components bought by guarantee beneficiaries after the 1st of January 2008, the date of the conclusion of the sales contract with the beneficiary's salesman is applicable. The 10 year guarantee period commences on the date of purchase.

The guarantee exclusively covers operation of the hardware components. Natural wear and tear is not covered in this, nor are losses in aesthetics or convenience that lead to functional loss.

The guarantee is only granted under the following conditions: the verifiable professional installer in accordance with the "Roto installation instructions" as well maintenance in accordance with the "maintenance instructions". A further condition is the verifiable, appropriate and specified operation.

Electronic and magnetic components are excluded from the guarantee. Also excluded from the guarantee are hardware components installed in emergency doors in public or commercial areas, or hardware used within the framework of industrial applications. Damages resulting from third parties actions are also excluded.

Guarantee claims
In case of a guarantee claim, Roto grants fabricator equivalent reimbursement of the defective hardware component, without delivery and without installation.

Claims for subsequent improvement and compensation are also excluded. The statutory rights of the guarantee beneficiary towards the seller are not restricted by this guarantee.

Roto NT standard windows consist of:

- Single and double sealed rectangular windows with Turn-Only and Turn-Turn handles
- Turn, PVC and aluminium profiles Roto-Inter-A, ES, K, N, V and Design
- With standard, lever operated, remote action, and Turn-Only/Turn-Only emergency
- With RotoLine and DuoLine handles
- Including burglar-inhibiting windows with anti-shock-resistant profiles
- Including electrical drive units and electronic components
- Including the key and accessories for the accessories
- Technically implemented within the framework of the "Roto application diagrams and installation instructions"

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1+1=10
New RotoSil Nano coating technology + the highest quality and testing standards approved by the TÜV institute = **10 year guarantee (performance warranty) on all NT components**

Roto
Creates inner values