

PRODUCT LIFE EXPECTANCY STATEMENT

PURPOSE OF THIS DOCUMENT

This statement provides general guidance on the typical in-service life expectancy of Rite Adhesives **construction adhesives** when used in accordance with current Rite Adhesives technical documentation and standard industry practice.

PRODUCT SCOPE

This guidance applies to **construction adhesive products** supplied by Rite Adhesives intended for **durable, non-structural bonding and fixing** applications in building and construction environments.

This statement **does not apply** to:

- tapes or adhesive films (including mounting and bonding tapes)
- structural bonding applications
- applications outside the product's stated intended use

TYPICAL SERVICE LIFE EXPECTATION

Based on a combination of:

- laboratory testing programs conducted over time, and
- monitoring of real-world field performance in normal service conditions,

Rite Adhesives construction adhesives of this type **typically demonstrate a service life of up to 10 years, subject to correct product selection, preparation, installation, and prevailing environmental conditions.**

Important: "Up to 10 years" is an indicative guide only and not a guarantee. Actual life may be shorter or longer depending on conditions.

WHAT MOST AFFECTS ADHESIVE LONGEVITY

Adhesive service life is strongly influenced by application design and installation quality. Key factors include:

A. Joint / bead design

- bead size, thickness, and geometry
- bond-line consistency

The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. Eurotech/Rite Adhesives cannot be held responsible for product failure unless full testing has been carried out. The client has to decide on the tape suitability for their own applications.

- ensuring adequate wet-out and contact area
- suitability of joint design for movement and load

B. Surface preparation

- cleaning and removal of dust, oils, release agents, moisture, and contaminants
- abrasion or priming where required
- confirming substrates are sound and stable

C. Substrate compatibility

- correct product selection for the specific material types
- avoiding incompatible coatings, plastics, treated timbers, or unknown surfaces

D. Installation conditions

- temperature and humidity at time of installation
- cure time allowances before loading or exposure
- site conditions (e.g. moisture, ventilation, exposure)

CONDITIONS WHERE THE STATED EXPECTANCY DOES NOT APPLY

The life expectancy guidance in Section 3 does not apply where performance is affected by external or improper conditions, including but not limited to:

E. Non-compliant use or workmanship

Installation or application that does not comply with Rite Adhesives' current:

- Technical Data Sheets (TDS)
- Safety Data Sheets (SDS)
- usage instructions and recommended precautions including poor workmanship or inadequate engineering practices.

F. Incompatible or unsuitable substrates

Use on materials that are incompatible, unstable, contaminated, friable, or otherwise unsuitable for bonding.

G. Movement beyond product capability

Structural or substrate movement that imposes stresses exceeding the adhesive's stated movement capability, elongation, or compression limits as specified in the relevant TDS.

H. Use beyond shelf life

Use of product beyond its stated shelf life, or product stored or handled outside stated storage requirements.

I. Use outside intended application

Any application outside the intended or normal use of the product, or use inconsistent with Rite Adhesives' published instructions or purpose.

J. Lack of appropriate care or inspection

Failure to provide appropriate care, maintenance, or periodic inspection where required for the specific installation.

K. Environmental and site influences

External influences, including but not limited to:

- ultraviolet exposure (where not suitable or not protected)
- chemical attack or contamination
- moisture ingress, hydrostatic conditions, or persistent dampness
- insufficient ventilation and condensation
- heat exposure beyond product limits
- defective substrates or construction elements
- site-specific ground or soil conditions affecting the installation

USE LIMITATIONS

This life expectancy guidance applies solely to **standard intended applications** and does not account for:

- specialised designs
- abnormal exposure conditions
- misuse or unintended applications
- applications requiring engineered structural performance

USER RESPONSIBILITIES

Users remain responsible for:

- confirming product suitability for the specific application
- conducting their own site-specific trials and suitability testing where required
- ensuring installation follows the most current Rite Adhesives documentation
- verifying substrates, conditions, and joint design are appropriate for long-term performance

GENERAL DISCLAIMER

This document is provided as general guidance only and is issued in good faith based on information believed to be accurate at the time of publication. Variations in substrates, environments, site conditions, storage, handling, and application methods may significantly affect product performance.

Users, suppliers, and distributors should ensure they are referencing the most current version of any technical documentation. Product properties, technical data, and documentation may change without notice.

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