

# Enduris<sup>™</sup> 3500E+ Roof Coating

High Solids Silicone  
Roof Coating



Licensed  
Partner

# Add Decades to Roof Life in Days

Roofs have it hard. A typical flat roof can experience a 60° C temperature shock from 75°C at the hottest peak to 15° C ambient temperature at night. This constant temperature fluctuation and UV exposure can create tremendous strain over time. Most commonly, roofs fail where dissimilar materials meet at penetrations, seams and edges. Minor structural issues can cause additional challenges such as poor drainage and ponding water.

For over 50 years, professionals have trusted silicones products to deliver durable, long-lasting building solutions. The Enduris Roof Coating system is a fast, efficient and economical alternative to replacement.

Based on GE-heritage technology, the Enduris Roof Coating system is backed by world-class technical support and warranties up to 25 years.

## Restore with Silicone

A seamless, stable and energy-efficient coating can dramatically extend roof life expectancy, delaying the need for a costly, time-consuming replacement project.

Silicone is inherently durable and permanently flexible. Unlike carbon-based products like bitumen, acrylics, PU, EPDM, PVC, PMMA etc., silicone is completely UV stable, providing the maximum long-term performance against weather and atmospheric conditions. The entire Enduris Roof Coating system is made from the same 100% silicone, allowing it to expand and contract at the same rate, helping prevent leaks that may result in mold, mildew, wood rot and rust. A white silicone coating also reflects the sun's rays to better control inside temperatures.

## Restore with Confidence

Silicone remains stable, flexible and virtually unaffected by daily and seasonal temperature extremes. It will not become brittle or harden as the system ages. The Enduris Roof Coating system provides exceptional, long-term performance.

### Ponding water

While organic polymer based coatings tend to fail at the seams, penetrations and edges, especially where water ponds, Enduris Roof Coatings stand up to ponding water.

### Life cycle cost

Primerless, single-coat application brings efficiency and cost savings to the installation process. Long-term durability promotes a lower total life cycle cost.

### Energy savings

Energy savings versus a darker roof can be as great as 35% on summer cooling costs. Enduris 3500E+ Roof Coating offers excellent color retention and reflectivity with a silicone polymer that is UV stable.

### Full compatibility

Using only 100% silicone components that are chemically and adhesively compatible, Enduris 3500E+ Roof Coating helps prevent water leakage, mold/mildew, wood rot and metal rust.

### Best-in-class elongation

By remaining flexible with daily and seasonal temperatures throughout the life of the building, this system offers best-in-class elongation, both initially and after decades of exposure.

### Certifications

**Resistance to external fire exposure:** Tested and approved for Broof T1, T2, T3 and T4 requirements.

**EOTA ETA 18-0472** (W3, S, P2/P1, S1 to S4, TL4, TH4)

**CEN/TS 1187**

**ASTM D6694** (Pass)



## RESTORE VIRTUALLY ANY EXISTING ROOF TYPE

Enduris 3500E+ Roof Coating systems are appropriate over most structurally sound existing roofing systems including:

- Single-ply membranes (TPO, EPDM, PVC)
- Bituminous membranes
- Metal
- Concrete
- SPF PU Foam

**Contact us for application to additional substrates.**



## Enduris Roof Coating



### Enduris 3500E+ Roof Coating

High-solids, low-VOC, 100% silicone liquid coating applied in a single coat. While a primer is not required, a Bleed Blocker base coat can improve energy savings. Currently available in plastic pails (23 kg), and plastic totes (1225 kg), and in standard colors white, medium gray and black.



### Enduris Bitumen Bleed Blocker

Applied as a base coat to asphaltic substrates and surfaces, Enduris Bitumen Bleed Blocker is formulated to seal out oils that can discolor the finish coat. Currently available in 17L metal pails and 709L plastic totes.

# Benefit Now and Later



## Time and labor savings

With no primer required on coated and uncoated roofing membranes, this system can offer significant cost savings associated with labor, primer and time delays.



## Full compatibility

Can be applied to most existing roof types including bituminous membranes, singleply (TPO, PVC, EPDM), PU SPF foam, concrete and metal.



## Cold & hot weather application

Enduris 3500E+ Roof Coating can be rolled or sprayed in temperatures as low as -17°C without freezing and as high as +49°C, helping to extend the roofing season and avoid project delays.



## Simplicity & Integrity From a Trusted Brand

With over five decades of product performance, the Enduris 100% silicone roof coating system can bring confidence and compliance to roof restorations and repairs. Simplified installation promotes safety and improves efficiency, helping to ensure that the job is done right every time.

## We Stay on Top of It All

In addition to a proven roofing system from a trusted leader, we offer assistance from a project's inception to completion. With decades of experience on some of the world's most innovative structures, the team provides a wealth of knowledge and support to help deliver results including:

### 1. Project Review

Review of project details to assist with product selection and application based on usage criteria, specifications and customer needs.

### 2. Drawing Details

Assist in developing drawing details that address project-specific terminations, transitions and penetrations.

### 3. Project Testing

On-site testing for substrate adhesion or compatibility with other building materials if necessary.

### 4. Project Warranty<sup>†</sup>

Warranties are offered for long-term assurance.

Contact us for additional information.

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