PRODUCT INFORMATION SHEET

SILICONE ROOFING TG

THE LIQUID ROOFING SYSTEM



GLOBAL PAINT PROFESSIONAL

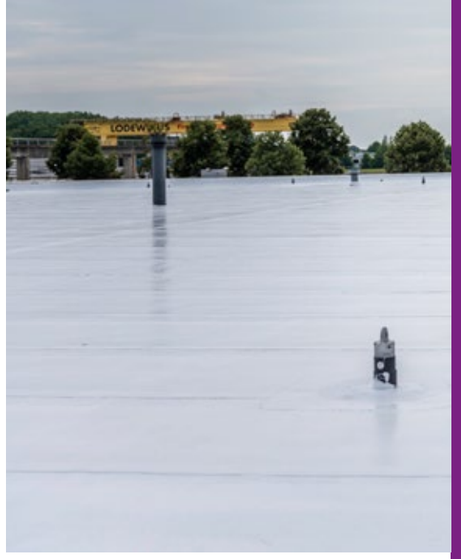
A CLEAR VIEW ON PAINT

SILICONE ROOFING TG

THE LIQUID ROOF SYSTEM

KEY FEATURES

- Resistant to standing water
- UV-resistant
- Elastic
- Resistant to root growth



APPLICATION

Verwerkingscondities
- Stir thoroughly before use
- Ambient temperature: >10°C – <25°C
- Relative humidity: <85%
- Substrate temperature must be at least 3°C above the dew point
- Ensure sufficient ventilation

Application Method | brush or roller
Apply Silicone Roofing TG Detail Primer using a brush and/or roller suitable for water-based coatings.

Thinning
No thinning required. The product is ready to use.

Theoretical Coverage
Approx. 10 m^2 per litre per coat.

The practical coverage depends on the absorbency of the substrate, the surface structure, and/or the application method. As a result, coverage may vary.

Drying at 20°C and 65% RH
Dust dry after approx.: 1 hour
Touch dry after approx.: 2 hours
Recoatable after approx.: 6 hours

Drying time is influenced by factors such as layer thickness, temperature, and humidity; lower temperatures and higher humidity will slow down drying.

Cleaning
Clean immediately after use with water.

Recoating
Recoatable with Silicone Roofing TG Finish.

General
Substrates must be set, load-bearing, and fully cured. Remove contaminants such as dirt and grease using a suitable cleaning agent. Remove any loose or chalking parts. The substrate must be completely free of dust.

A comprehensive and detailed description of all work procedures for Silicone Roofing TG is provided in the Application Manual.

SILICONE ROOFING TG DETAIL PRIMER

KEY FEATURES

- Suitable for ferrous and non-ferrous metals and plastics
- Corrosion-resistant
- Quick-drying

INTENDED USE

For creating a bonding layer between the substrate and Silicone Roofing TG Finish. Apply to ferrous and non-ferrous metals and plastic substrates.



PRODUCT FEATURES

Binder
Water-based alkyd emulsion

Density
White: approximately 1.3 kg/dm^3

Solids content
White: approximately 43% by volume

Gloss level
Matte

General
The properties of this product may vary. This depends on the color, the thickness of the applied coat and the conditions during application. The values listed are based on white.

PRODUCT DETAILS

Packaging
1 L

Colors
White

Storage
Store in a cool, dry, and frost-free place

Shelf life
Unopened package: 18 months

100% RECYCLABLE CAN

MADE WITH 100% GREEN ENERGY

ENVIRONMENT, HEALTH & SAFETY

EU Limit Value
This product complies with the maximum EU limit value of A/d: 130 g/l VOC (2010).

Safety
The most important safety information is listed on the label. For more safety information, see the Safety Data Sheet at www.siliconeroofingtg.nl.

Use
- Work safely. Use personal protective equipment. Refer to the Safety Data Sheet for more information.
- It is a waste to throw away unused material. Estimate the required amount carefully.
- Clean tools immediately with water after use. Use water sparingly and never flush it down the sink or toilet. Dispose of contaminated water and old packaging in accordance with local regulations.

SILICONE ROOFING TG DETAIL FLEECE

KEY FEATURES

- Strengthens transitions between different materials
- Ensures reliability at critical details and joints
- Effectively repairs open seams and blisters

INTENDED USE

For reinforcing and strengthening details and substrates within the Silicone Roofing TG system.

PRODUCT FEATURES

Specifications	Tolerance	Test Standard
Material	60 g/m2 PeS/PP Fleece	
Thickness	35 mm +/- 0,15	
Grammage	60 g/m² +/- 20	DIN EN 29073-1
Max. Tensile Strength N/5 cm - Longitudinal Direction	> 85 N	DIN EN 29073-3
Max. Tensile Strength N/5 cm - Transverse Direction	> 100 N	DIN EN 29073-3
Max. Elongation % - Longitudinal Direction	> 50%	
Max. Elongation % - Transverse Direction	> 70%	
Width in cm	10 - max. 100 cm	
Air Permeability	> 1500 l/h (A= 20 cm²)	

PRODUCT DETAILS

Packaging
- 15 cm x 20 m
- 30 cm x 20 m
- 100 cm x 50 m
-

Storage
Keep dry and store upright



APPLICATION

Application Conditions
Always apply the membrane in combination with Silicone Roofing TG Finish.

Application Method
- Apply 500 microns of Silicone Roofing TG Finish to the substrate before embedding the membrane.
- Always apply directly into the wet coating layer.
- Finish the membrane with 500 microns of Silicone Roofing TG Finish.
- When embedding, ensure that no folds or air pockets form.

A comprehensive and detailed description of all work related to Silicone Roofing TG is provided in the Application Manual.

ENVIRONMENT, HEALTH & SAFETY

Use
- Work safely. Always use personal protective equipment.
- Wasting material is a shame. Estimate the required amount carefully.

SILICONE ROOFING TG FINISH

KEY FEATURES

- 1 component
- Moisture-curing
- Salt- and chemical-resistant

INTENDED USE

To extend the service life of roofing materials on existing flat and sloped roofs. Can be applied to the most common roof surfaces, such as: APP bitumen, SBS bitumen, PVC, EPDM, concrete, wood, and stainless steel.

PRODUCT FEATURES

Binder
Silicone

Density at 20°C
1.22 kilograms per liter

Solids content
White: 90% by volume

Gloss level
Satin

Water vapor diffusion resistance
V3 ≥1.4/(m²·h)

General
The product's properties depend in part on the color, applied film thickness, and application conditions. The value shown is based on the white variant.

APPLICATION

Application Conditions
- The following conditions are necessary for proper drying of the product:
- Stir well before use
- Ambient temperature >5°C
- Relative humidity >30%
- The substrate temperature must be at least 3°C above the dew point
- Adequate ventilation
- The product must be applied within the specified shelf life

Application method | brush & roller
Apply the product with a brush and a roller. Minimum roller pile height: 21 mm.

Application method | airless sprayer

Spray nozzle	0,031 inch - 0,033 inch (tip 31 & tip 33)
Spray angle	50 of 60 graden (hoek 5 of 6)
Spray pressure	ca. 250 bar
Flow rate	Minimum output of 6 liters per minute
Hose thickness	"3/8" hose "static free" minimum length 15 meters

Settings may vary depending on the type of spray system.

Contrast color
The system is built up using two layers of Silicone Roofing TG Finish in contrasting colors.

White finish:	1st layer Gray 2nd layer White
Gray finish:	1st layer White 2nd layer Gray
Black finish:	1st layer Gray 2nd layer Black

Dilution
Dilution is not necessary. The product is ready to use.

Theoretical coverage
1.2 kilograms per square meter. Coverage may vary depending on the texture/coarseness of the substrate.

Drying at 20°C and 65% RH
Dust-dry after approximately: 30 minutes.
Fully dry after approximately: 6 hours.

Cleaning
While the coating is still wet, clean or rinse with White Spirit.

Paintable
Can only be painted over with Silicone Roofing TG.

A comprehensive and detailed description of how to apply Silicone Roofing TG can be found in the Application Instructions.

PRODUCT DETAILS

Packaging
3 kg
15 kg

Colors
White
Gray
Black

The technical properties of the product may vary for dark colors. When using the product from different batches, there may be a slight color variation. Always ensure that the surface is finished using material from the same batch.

Storage
Store in a cool, dry, and frost-free place

Shelf Life
12 months when unopened and in original packaging





REFLECTANCE VALUES SILICONE ROOFING TG FINISH

WHITE	
Total Sun Reflection (TSR)	90%
Solar Reflection index (SRI)	111%
GRAY	
Total Sun Reflection (TSR)	40%
BLACK	
Total Sun Reflection (TSR)	8%

Disclaimer
The information in this document is based on years of product development and practical experience and is accurate as of the date of publication. Global Paint Products B.V. accepts no liability whatsoever for work performed in accordance with this information, as the final result is also determined by factors beyond its control and influence. The customer must use the means normally at his disposal to verify whether the delivered products are suitable for the intended application. Global Paint Products B.V. reserves the right to make changes to this document without notice. Global Paint Products B.V., Veesteeg 11-13, 6657 KH, Boven-Leeuwen.

ENVIRONMENT, HEALTH & SAFETY

Safety
The most important safety information is listed on the label. For additional safety information, please refer to the Safety Data Sheet at www.siliconeroofingtg.nl.

Environment and Use
- Always work safely. Use personal protective equipment. Refer to the Safety Data Sheet for more information.
- Wasting material is a shame. Estimate the required amount carefully.
- Never dispose of old packaging with household waste. Dispose of it in accordance with national regulations.

EXTRA

Streaks & Brush Marks
Apply a sufficient coat thickness. Always work "wet-on-wet." This reduces the risk of streaks and brush marks.

Drying
The paint coat requires 28 days to cure completely. Lower temperatures will prolong the drying time.

Gloss Level
The gloss level is measured at an angle of 85°.
This may vary depending on application, texture, and substrate.

Coverage
Actual coverage depends on the absorbency, texture of the substrate, and application method, so coverage may vary.

Slipperiness
Damp substrates become slippery. On roof surfaces that are regularly walked on, it is recommended to install walkways with rubber tiles.

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