SILICONE ROOF PAINT

TRIPLE GUARD TECHNOLOGY | RESISTANT TO PONDING WATER | HIGH UV PROTECTION

SEAMLESS FINISH | GOOD ADHESION | MOISTURE CURING | SOLAR PROTECTION | LOWERS SURFACE TEMPERATURE AND REFLECTS SUN'S RAYS MORE EFFECTIVELY

Use	Outdoor
Gloss	-
Base	-
Color	White; Grey; Black; Green
Sizes	1 kg, 6 kg, 15 kg and 244 kg
Suitable	Flat Roofs; Roofs with slopes; Bitumen surfaces, EPDM, Wood, Stainless Steel, PVC and Concrete

PRODUCT INFORMATION

Binder	Silicone
Density	1.22 kg per liter
Spreading rate	Approximately 1 - 2 m² per kg, depending on the desired durability
Shelf life	12 months in unopened packaging; Keep cool and dry during storage

APPLICATION DETAILS

Application methods	Brush; Roller; Paint Spray System Pump: Hydraulic airless sprayers* Spray nozzle: HD Heavy Duty 531-533 Gun: Heavy Duty version/Inline gun for heavy materials. Pressure: approx. 250 bars Output per min.: > 5.9 l/min.
Application with spray equipment	Hose diameter: 3/8" static-free hose, minimum length 15 m Height-related pressure loss: app. 1 bar per meter extra height Pressure loss related to hose diameter: app. 2 bars for 1/2" hose compared to 3/8" hose The settings may vary and need adjustment depending on the type of spraying system, test-spray beforehand to assess the build pattern. Determine the correct pump capacity or type of pump before spraying.
Recommended dry coating thickness	Total coating thickness 1000 µm, applied in 2 layers of 500 µm each. If applied by spray, 1000 µm can be applied in 1 coat. Depending on the type and condition of the roofing material, an additional 100 µm per coat may be required. Minimum system layer thickness: 500 µm
Drying properties at 20°C	Dust-dry after approximately 30 minutes Dry after approximately 2 hours Second coat can be applied after approximately 15 hours The drying time may vary depending on the temperature, relative humidity, air movement and the coating thickness

APPLICATION DETAILS

Conditions during application	Optimal > 5°C and R.H. > 30% Substrate temperature at least 3°C above the dew point
Dilution	Ready to use. Gently stir before use.
Tool cleaning instructions	White Spirit
Cleaning spraying equipment	White Spirit and matching sponge ball for the hose

SYSTEMS

Pre-treatment

Always refer to the Silicone Roof Coat Application Manual for detailed application instructions. Ask your supplier for this document or visit www.globalpaint.com

- The surface must be clean, degreased, dry, dust-free and non-flaking. The substrate must be cleaned before application. Remove all contaminants, algae, moss, dirt, loose and damaged areas with a hard brush or a high-pressure cleaner (100 - 120 bars), scrub lightly and rinse thoroughly. Do not use soapy products.
- Pre-treat seams with Silicone Roof Coat.
- In the case of drains, repairs, lead-throughs, critical seams, cracks or transitions, apply Silicone Roof Coat Fleece first and immediately apply a wet-on-wet finishing coat of Silicone Roof Coat.

In case of doubt, perform an adhesion test to determine the strength and carrying capacity of the substrate

Finishing

- Finish the complete surface with **GLOBAL PAINT SILICONE ROOF COAT**
- If applied with a roller, a second coat is required to achieve the desired durability and final coating thickness

Pour **GLOBAL PAINT SILICONE ROOF COAT** onto the surface from the can. Use quantities that are easy to process. Distribute the product thoroughly and carefully. Run the roller over the coated are a second time. During application, check the coating thickness regularly using a wet film thickness gauge.

APPLICATION CONDITIONS

Pre-treatment

- The surface must be clean, dry, dust-free and non-flaking.
- Perform an adhesion test (tensile strength of > 4 kg) to assess whether the roof is suitable.
- Remove surface dirt and residues, either manually or using a high-pressure cleaner. Do not use a high-pressure cleaner on surfaces that have already been coated.
- Damages, blisters and loose areas must be repaired according to the guidelines described in the Silicone Roof Coat Application Manual.
- New bitumen or bituminous coverings that have not yet been exposed to UV radiation can cause yellowing of the coating.
- Take the dew point into account as indicated.
- Use new rollers and brushes.
- Consider the effect of possible spray mist on the surrounding area when using spray equipment.
- The product cures when exposed to moisture and air, please take this into account during application.
- Maximum percentage of moisture in the substrate: wooden substrates: 16%; concrete substrates: 4%
- Protect the product from moisture and air by covering the bucket with foil during application. If a spray system is used, ensure that no water/moisture is present in the system. If necessary flush the spraying equipment thoroughly.
- Apply shrink wrap around the suction tube to keep it clean.
- Make sure that the spray system and the material are left in the shade.
- Use the Graco Jet Roller to reduce spray mist.
- After application, flush the sprayer with White Spirit. Clean the hose by flushing a suitable sponge ball through it. Then clean thoroughly with White Spirit. Flush again after one week.
- The pump should not be used for other materials after applying Silicone Roof Coat.
- Please note that the roof may be slippery when wet (after rain).
- The roof must be inspected twice a year and extra inspection after extreme weather events to ensure the roof system's continuing integrity.

The roof system should be cleaned annually. Use gently flowing water and a soft broom/mop. Do not use a high-pressurized cleaner or stiff broom, as this could damage the coating.