PROCESSING MANUAL

SILICONE ROOFING TG

THE COATING FOR ROOF RENOVATION



GLOBAL PAINT PROFESSIONAL

A CLEAR VIEW ON PAINT

THE ROUTE TO A SEAMLESS FINISH

Applying Silicone Roofing TG to a flat roof is a job for professionals. Follow the steps for applying Silicone Roofing TG carefully and create a waterproof roof that will last for years.



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PRODUCT

Silicone Roofing TG is a liquid roofing solution specifically designed for the renovation of existing flat roofs. Versatile and suitable for a range of surfaces, including
bitumen (APP & SBS), EPDM, concrete, wood, PVC and stainless steel.

SEAMLESS

Silicone Roofing TG forms a seamless membrane. This eliminates leaks at overlap joints.

WATER REPELLENT

Silicone Roofing TG is completely hydrophobic. Standing water load is not a problem.

ELASTIC

Silicone Roofing TG is 200% elastic. All tensions are absorbed.

UV RESISTANT

Silicone Roofing TG is highly UV resistant. Degradation occurs slowly, thereby enhancing its lifespan.

ROOT GROWTH SUSTAINABLE

Silicone Roofing TG can be applied on roofs with sedum cassettes. The roots do not grow through the coating.

OTHER PROPERTIES

- 1 component
- 100% solids content
- moisture-curing
- salt and chemical resistant

PRODUCT INFORMATION

Binding agent	Silicone
Density	1.22 kilograms per litre
Gloss level	Silk gloss

COLOURS

SRTG 150 White
SRTG 250 Light grey
SRTG 450 Black

REFLECTIVE VALUES

WHITE

Total Sun Reflection (TSR)	90%
Solar Reflection Index (SRI)	111%

LIGHT GREY

Total Sun Reflection (TSR)	40%

BLACK

Total Sun Reflection (TSR)	8%



SYSTEM

Silicone Roofing TG is always applied in 2 coats. Surfaces already coated with Silicone Roofing TG are given 1 coat.

COAT	COATING THICKNESS PER M2	WEIGHT PER M^2
1	500 um	600 grams
2	500 um	600 grams
TOTAL	**1,000 um**	**1,200 grams**

CONTRAST COLOUR

The system is designed with two contrasting colours. Applying 2 different colours has a number of advantages:
- Faster attainment of the desired coating thickness - 500 microns;
- Clearly shows where coating has already been applied;
- Less glare, especially with a white finish.

SYSTEM STRUCTURE IN COLOUR

	1st COAT	**2nd COAT**
White finish:	SRTG 250 Light grey	SRTG 150 White
Light grey finish:	SRTG 150 White	SRTG 250 Light grey
Black finish:	SRTG 250 Light grey	SRTG 450 Black

COATING THICKNESS

During application of Silicone Roofing TG, regularly check the applied coating thickness. Do so using a thickness gauge. Never apply less than the recommended coating thickness. This negatively affects the adhesion and elasticity of the applied coating.

CAN BE PAINTED

Silicone Roofing TG can only be repainted with Silicone Roofing TG. Not only immediately after application, but also after, for example, for 25.

For strong adhesion on Silicone Roofing TG, several key factors are important:
1. Very good surface cleaning;
2. A dry surface;
3. Sufficient coating thickness - 500

PERSONAL PROTECTION

You work at heights, so always work safely. However, safety while working at height is not the only important consideration. Using the right personal protective equipment is equally important. To ensure maximum protection, it is recommended to use the following protective equipment during all work activities.



Safety glasses | Breathing protection | Gloves | Safety shoes | Workwear

PREPARATION

Prepare yourself thoroughly. Get the right materials and tools ready before you start. This will contribute to the speedy and successful completion of the project.



BRUSHES & ROLLERS

- Roller stick
- Roller 25 cm + roller holder
- Roller 10 cm + roller holder
- Radiator brush flat 60 mm
- Masking tape
- Stirring stick and/or spindle
- Sandpaper

SPRAYING

- Radiator brush flat 60 mm
- Masking tape
- Stirring stick and/or spindle
- Sandpaper
- Shrink wrap
- White spirit
- Spraying equipment

WAPENEN - VLIEZEN

- Silicone Roofing TG Fleece 60 | 15 centimetre
- Silicone Roofing TG Fleece 60 | 30 centimetre
- Silicone Roofing TG Fleece 70 | 100 centimetre
- Scissors
- Stanley
- Wallpaper spatula and/or printing roller
- Putty knife
- Cutting mat

APPLICABLE SPRAYING EQUIPMENT

Various sprayers have been tested for the application of Silicone Roofing TG. All devices shown are suitable for the application of SiliconeRoofingTG. Contact the supplier for proper guidance and advice.



PUMP:	DUTYMAX GH 675
HOSE LENGTH:	45 metres
GUN;	XTR7
TIP/NEEDLE	XHD531
SPRAY PRESSURE:	300 bar
PRESSURE LOSS:	1 bar per metre (height)
SUITABLE FOR:	Small and medium-sized projects (<10,000m2)



PUMP:	DUTYMAX GH 5040
HOSE LENGTH:	75 metres
GUN;	XTR7
TIP/NEEDLE	XHD531-35
SPRAY PRESSURE:	300 bar
PRESSURE LOSS:	1 bar per metre (height) SUITABLE
FOR:	Large projects (>10,000m2)



PUMP:	POWERBEAST 7700
HOSE LENGTH:	Maximum 17.5 metres
GUN;	Inquire at WSB
TIP/NEEDLE	31”- 35”
SPRAY PRESSURE:	250 bar
PRESSURE LOSS:	1 bar per metre (height)
SUITABLE FOR:	Small and medium-sized projects (<10,000m2)



PUMP:	HydraX 4540 & 7230
HOSE LENGTH:	30 to 45 metres
GUN;	Inquire at WSB
TIP/NEEDLE	31”-35”
SPRAY PRESSURE:	300 bar
PRESSURE LOSS:	1 bar per metre (height)
SUITABLE FOR:	Medium and large projects (>5,000 m2)

THE PROCESS

THE 4 STEPS TO A NEW ROOF

The process consists of 4 steps. A thorough and detailed description for the application of Silicone Roofing TG can be found in the processing manual. This manual can be ddownloaded by visiting: **www.siliconeroofingtg.nl.**
If inspection shows that the roof can be coated, perform steps 1 to 4 for the proper application of Silicone Roofing TG.



1. THE ADHESION TEST

To measure the load-bearing capacity of the substrate, an adhesion test is always carried out first. Silicone Roofing TG Fleece is applied to the substrate, which is then pulled out of the coating after a minimum of 16 hours. The adhesion test is considered successful with a peak force of at least 4 kg.

2. THE CLEANING

The entire surface should be thoroughly cleaned with a high-pressure cleaner. This works best with a patio cleaner and water at a temperature of maximum 60°C. In some places, stagnant water may remain. Remove this with a wet/dry vacuum cleaner. This way, not only the water but also the dirt will be removed in one go.



3. THE PRE-TREATMENT

Pass-throughs and other detailing are pre-treated with Silicone Roofing TG Fleece. The combination of Silicone Roofing TG and Fleece provides a very strong yet flexible reinforcement. This ensures the detailing lasts for years.

4. THE FINISHING

The roof surface is finished with 1000 micron Silicone Roofing TG, in two layers of 500 micron each. A total of 1.2 kilograms is applied to the roof surface. Silicone Roofing TG can be applied with both a roller and a spray.



A CLEAN START

A clean surface is the foundation for applying Silicone Roofing TG. The cleaning is best done with a professional patio cleaner. This ensures the correct distance from the surface and also works ergonomically. Cleaning with water at a temperature of up to 60°C provides optimal cleaning conditions.

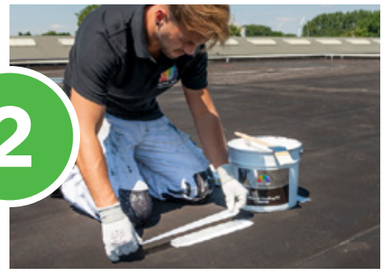
ADHESION TEST

To assess the bearing capacity of the surface, an adhesion test is always carried out first. For the adhesion test, use a strip of Silicone Roofing TG Fleece 70, which should be 5 cm wide and at least 50 cm long.

Clean the surface and make sure it is clean, dry and dust-free.



Apply a minimum of 500 microns of Silicone Roofing TG to the surface to be tested.



Apply the strip of Silicone Roofing TG Fleece 70 to the wet coating layer. Let the fleece overlap at least 20 cm. Make sure that there are no folds and air pockets in the fleece.



Finish the fleece with a 500-micron coat of Silicone Roofing TG.



Conduct the tensile test after a minimum of 16 hours. Connect the fleece to the tensile tester. Pull the fleece straight up.
Do this by slowly increasing the pull strength. At a minimum tensile strength of 4 kg, the surface is load-bearing enough to apply Silicone Roofing TG.

SCAN THE QR-CODE
FOR A VIDEO TUTORIAL



A CLEAN START

A clean surface is the foundation for applying Silicone Roofing TG. The cleaning is best done with a professional patio cleaner. This ensures the correct distance from the surface and also works ergonomically. Cleaning with water at a temperature of up to 60°C provides optimal cleaning conditions.

CLEANING

Clean the surface using a pressure cleaner. Maintain a minimum working pressure of 180 bar. It is strongly recommended to use heated water (maximum 60oC). This will loosen the dirt faster.

Use a professional patio grinder. This has various advantages:
- Its ergonomic design reduces the likelihood of physical discomfort.
- Maintain the correct distance to the surface – do not deviate from the specified spray distance to the surface;
- Encourages systematic work – it facilitates more organised cleaning by operating in strips . This greatly reduces the likelihood of leaving a surface uncleaned.



WORK FROM BOTTOM TO TOP

Cleaning from bottom to top provides a better overview of what has already been cleaned. If you work from top to bottom, the dirty water will flow to the lowest point - in practice this is obstructive and does not benefit the quality.
During cleaning, dirt is sprayed loose from the substrate. Residue remains on the flat roof surface. After cleaning, spray the roof surface carefully and systematically. No loose dirt may remain on the roof surface.



WATER VACUUM

After cleaning, water build-ups remain on the roof surface. Use a water vacuum to remove this water. The advantage is that any remaining dirt residues are also eliminated.

INSPECTION

After cleaning, always check that the surface is completely clean:
- Go over the cleaned surface by hand. If no black residue remains on your hand, the surface has been sufficiently cleaned.
- Check carefully for dirt accumulation in places where water has been standing still for a long time. Residue may have settled on the surface .

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CLEANING

SURFACE (untreated)	CLEANING
Bitumen (APP & SBS)	• Clean using a pressure cleaner and/or patio cleaner.* • Rinse everything meticulously. • Let the surface dry thoroughly. Use a water vacuum to speed up the drying process.
EPDM (US & European)	• Clean using a pressure cleaner and/or patio cleaner.* • Rinse everything meticulously. • If necessary, degrease with benzene. • Mat with sandpaper. • Let the surface dry thoroughly. Use a water vacuum to speed up the drying process.
Concrete	• Remove any loose cement film that may be present. • Clean using a pressure cleaner and/or patio cleaner.* • Rinse everything meticulously. • Let the surface dry thoroughly. • Use a water vacuum to speed up the drying process. • Maximum moisture percentage of the surface: 4%
STAINLESS STEEL Galvanised steel Lead Zinc	• Clean using a pressure cleaner and/or patio cleaner.* • Rinse everything meticulously. • Mat with sandpaper. • Apply a suitable adhesive primer to the surface. With stainless steel, this is not necessary. • Let the surface dry thoroughly. Use a water vacuum to speed up the drying process.
PVC	• Clean using a pressure cleaner and/or patio cleaner.* • Rinse everything meticulously. • Mat with sandpaper. • Let the surface dry thoroughly. Use a water vacuum to speed up the drying process.
Wood	• If necessary, degrease with benzene. • Sand everything with P150 sandpaper. Then dust it off. • Maximum moisture percentage of the surface: 21%

*Working pressure between 180 and 220 bar is sufficient. With lower pressure, the surface will not be sufficiently cleaned. Cleaning using heated water (maximum 60oC) significantly speeds up and improves the cleaning of flat roofs.

ARMING AGAINST THE FUTURE

Every roof surface has critical and sensitive points. By combining Silicone Roofing TG with Silicone Roofing TG Fleece, a reinforcement is created that strengthens details. This reinforcement ensures a waterproof detail that can last for years



Any detailing on the roof surface is pre-emptively reinforced. The combination between Silicone Roofing TG and Silicone Roofing Fleece provides a very strong yet flexible reinforcement. A plan is drawn up for each detail. For an optimal reinforcement, implement the plan for each detail.

Reinforcement of the details can begin once the cleaning has been completed as described.

SILICONE ROOFING TG FLEECE 60 & 70

Silicone Roofing TG Fleece 60 & 70 are easily workable fleeces which are used for reinforcing details and large surfaces.

Tools to be used:

- Scissors
- Stanley
- Wallpaper spatula and/or pressure roller
- Putty knife
- Cutting

Available sizes:

15 cm width	20 m length
30 cm width	20 m length
100 cm width	50 m length



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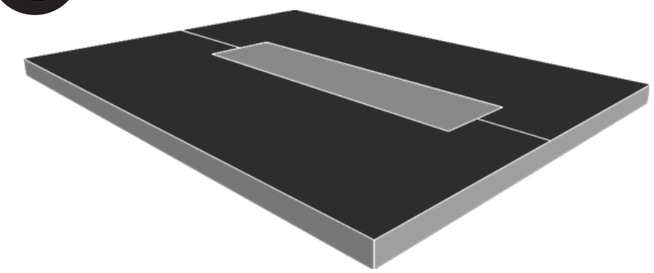
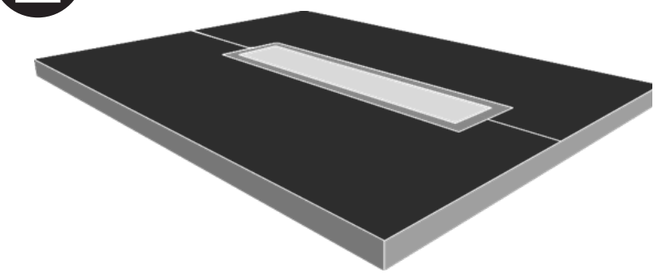
Use Silicone Roofing TG Fleece 60: 15 or 30 cm wide.

1



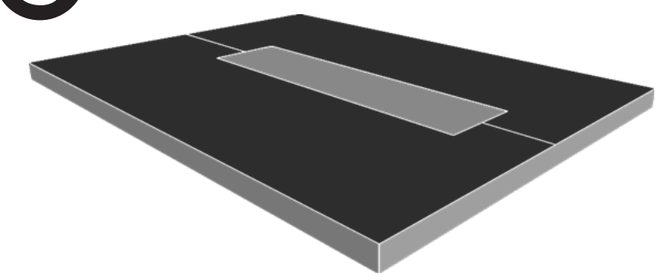
Apply a minimum of 500 microns of Silicone Roofing TG to the surface. Do so wide enough for the fleece to be fully embedded.

2



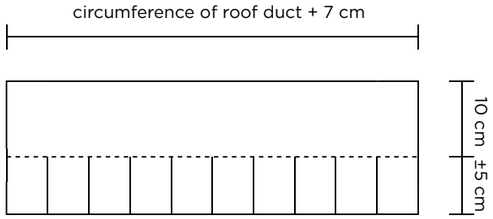
Apply the fleece to the wet coating layer. Make sure that there are no folds and air pockets in the fleece.

3



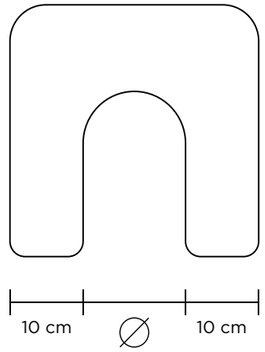
Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG. Allow for a overlap of 10 centimetres when applying fleece on top of each other.

DV01



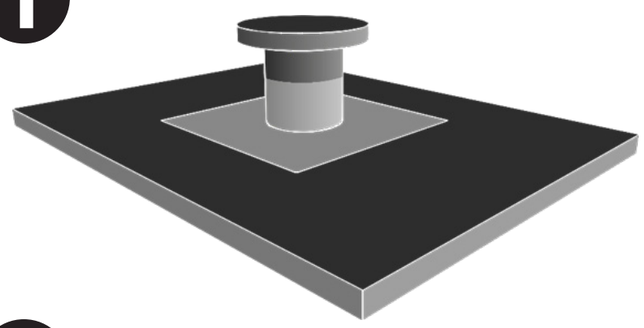
Use Silicone Roofing TG Fleece 60. Cut or trim Silicone Roofing TG Fleece DV01 & DV02. Ensure an overhang of at least 7 cm.

DV02



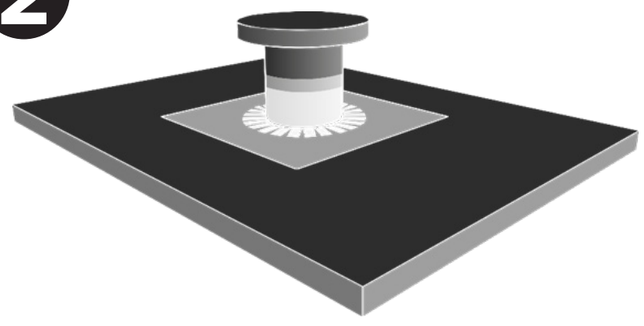
The recess in the middle should have the same roundness/diameter as the roof duct.

1



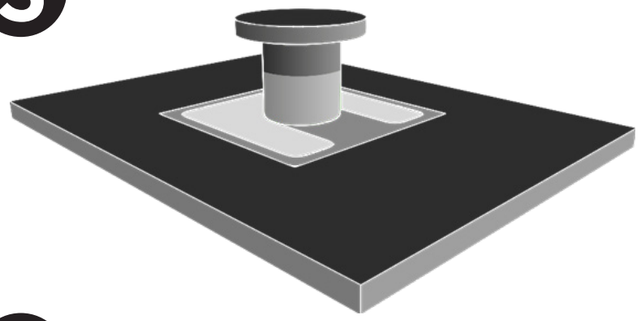
Apply a minimum of 500 microns of Silicone Roofing TG on and along the roof duct.

2



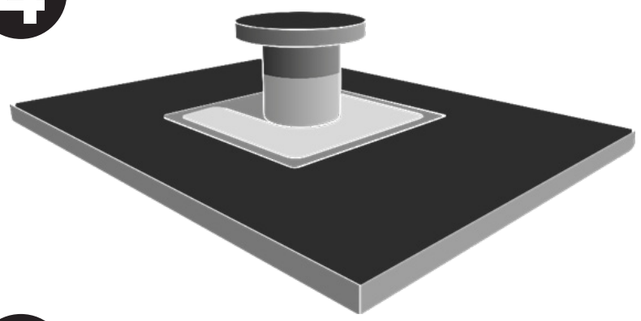
Apply Silicone Roofing TG Fleece DV01 to the wet coating layer. Make sure that there are no folds and air pockets in the fleece. Finish the fleece immediately with Silicone Roofing TG.

3



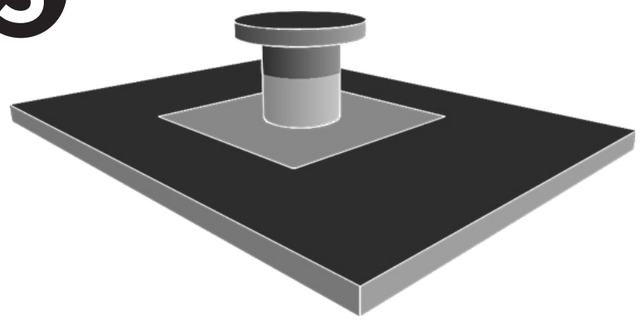
Start by applying Silicone Roofing TG Fleece DV02 to the wet coating layer. Here, the fleece should overlap at least 1.5 cm with the duct. Make sure that there are no folds and air pockets in the fleece.

4



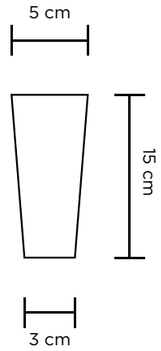
Apply the second Silicone Roofing TG Fleece DV02 to the wet coating layer. The fleece should overlap at least 1.5 cm with the duct. Make sure that there are no folds and air pockets in the fleece.

5



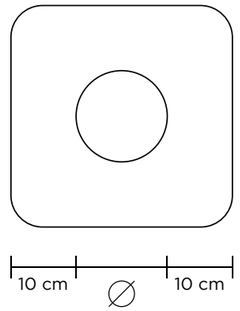
Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

AV01



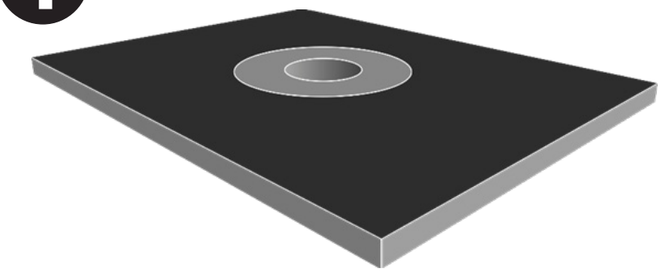
Use Silicone Roofing TG Fleece 60. Cut or trim the Silicone Roofing TG Fleece AV01 & AV02. The strips will be applied in an overlapping manner to the drain.

AV02



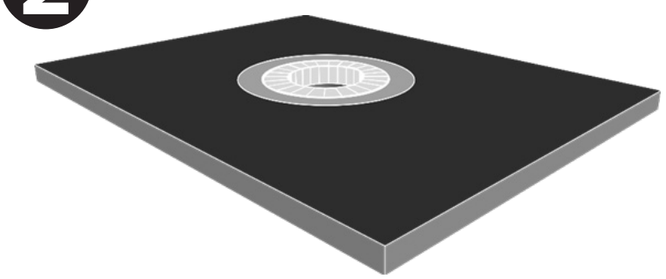
The diameter of the recess should be the same as the diameter of the drain.

1



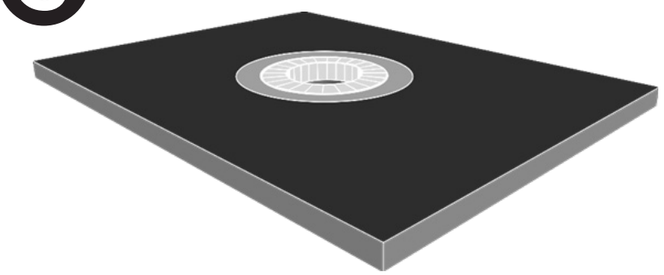
Apply a minimum of 500 microns of Silicone Roofing TG to and along the drain.

2



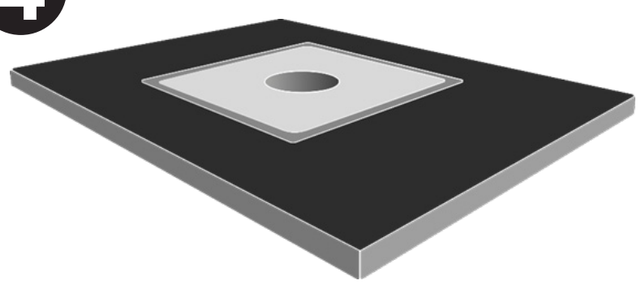
Apply the first coat of Silicone Roofing TG Fleece AV01 to the wet coating layer. Place the fleece while tapping it. Make sure that there are no folds and air pockets in the fleece. Finish the fleece immediately with Silicone Roofing TG.

3



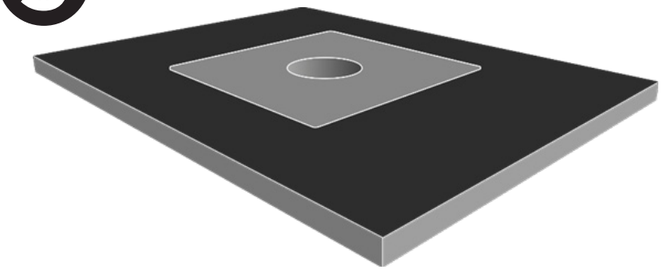
Apply the second coat of Silicone Roofing TG Fleece AV01 to the wet coating layer. Do so in an overlapping way, while again tapping the fleece. Make sure that there are no folds and air pockets in the fleece.

4



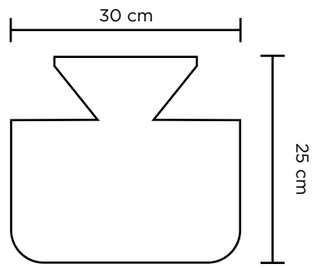
Apply Silicone Roofing TG Fleece AV02 to the wet coating layer. Make sure that there are no folds and air pockets in the fleece.

5

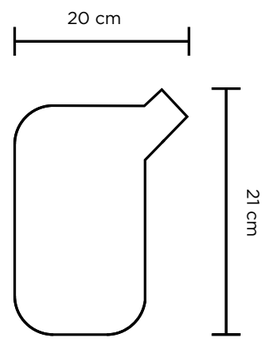


Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

SU01

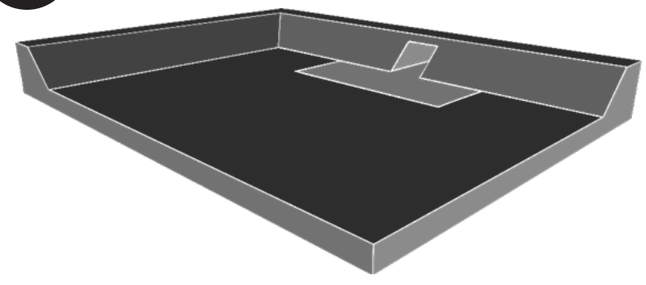


SU02



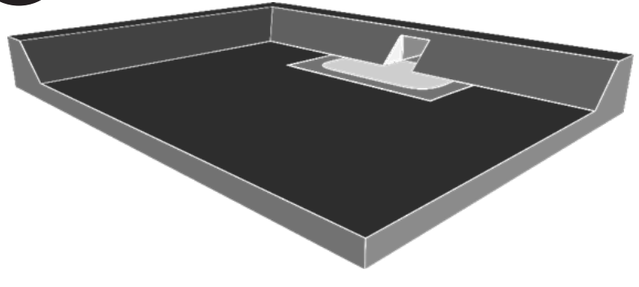
Use Silicone Roofing TG Fleece 60. Cut or trim the Silicone Roofing TG Fleece SU01 & SU02.

1



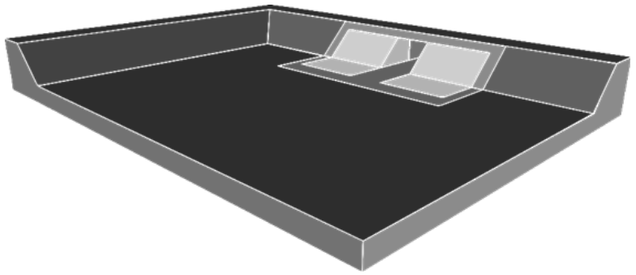
Apply a minimum of 500 microns of Silicone Roofing TG to and along the roof duct.

2



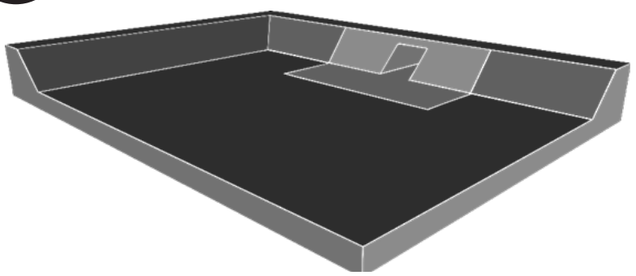
Apply Silicone Roofing TG Fleece SU01 to the wet coating layer. Make sure that there are no folds and air pockets in the fleece. Finish the fleece immediately with Silicone Roofing TG.

3

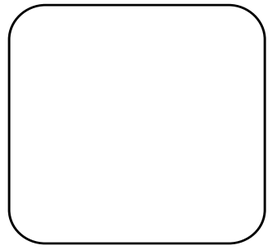


Apply Silicone Roofing TG Fleece SU02 to the wet coating layer on the left and right side of the roof duct. Make sure that there are no folds and air pockets in the fleece.

4



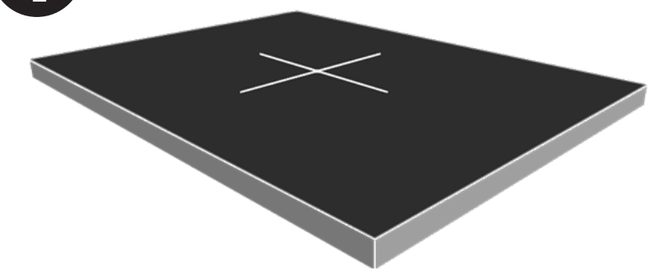
Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.



Width and height should be at least 10 cm wider than the incisions in the surface.

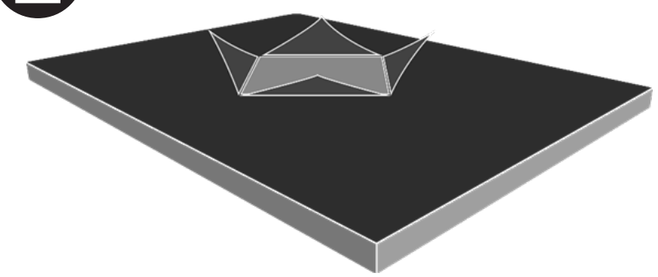
Use Silicone Roofing TG Fleece 60 or 70. Cut or trim the Silicone Roofing TG Fleece according to the example. Make sure the fleece is at least 10 cm larger than the surface to be repaired.

1



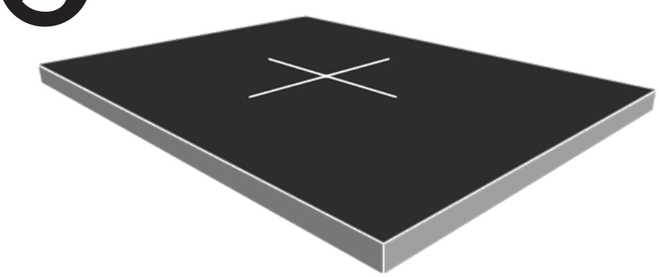
At the level of the bladder, cut the roofing. Aim to cut about 4 cm further into the non- detached roofing.

2



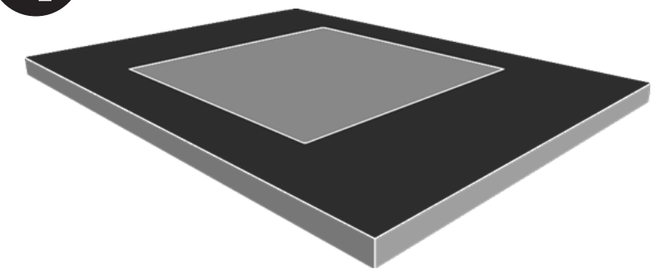
Unfold the roofing. Check the surface.
If the surface is damp, let it dry completely first.

3



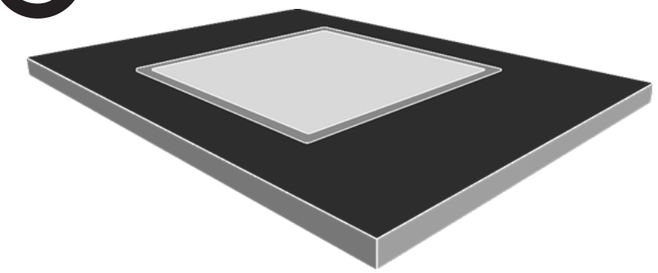
Apply a minimum of 400 microns of Silicone Roofing TG to the surface and along the folds. Fold the roofing back and press down well so that there are no air pockets. During a period of at least 3 hours, press the cut and pre-treated surface with a weight of at least 5 kg.

4



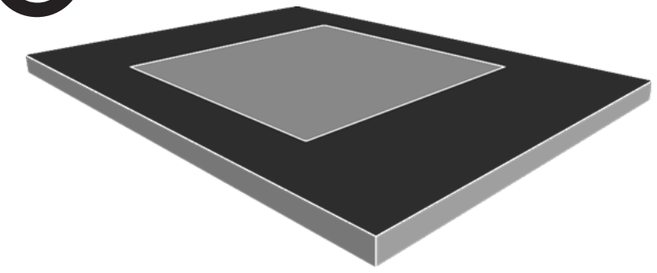
Apply a minimum of 500 microns of Silicone Roofing TG to the repaired area.

5



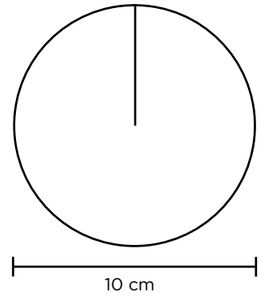
Apply Silicone Roofing TG Fleece to the wet coating layer. Make sure that there are no folds and air pockets in the fleece.

6



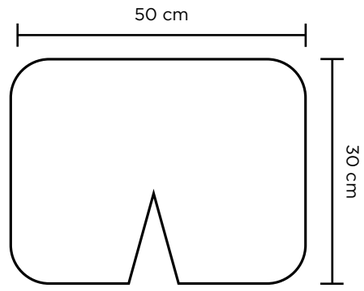
Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

IH01



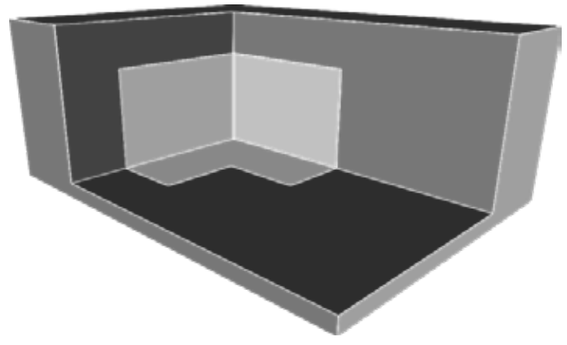
Use Silicone Roofing TG Fleece 60. Cut or trim the Silicone Roofing TG Fleece IH01 & IH02.

IH02



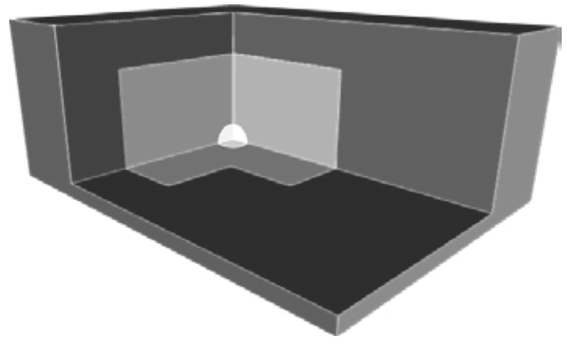
The diameter of the recess should be the same as the diameter of the drain.

1



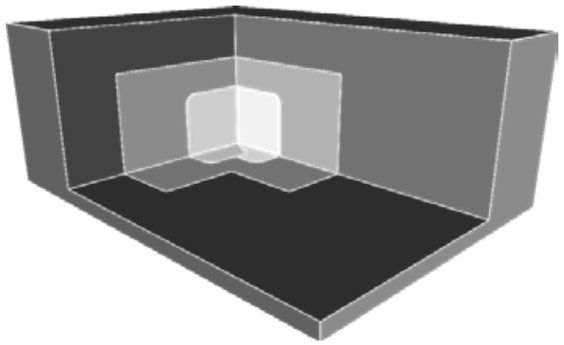
Breng minimaal 500 micron Silicone Roofing TG Apply a minimum of 500 microns of Silicone Roofing TG to the surface.

2



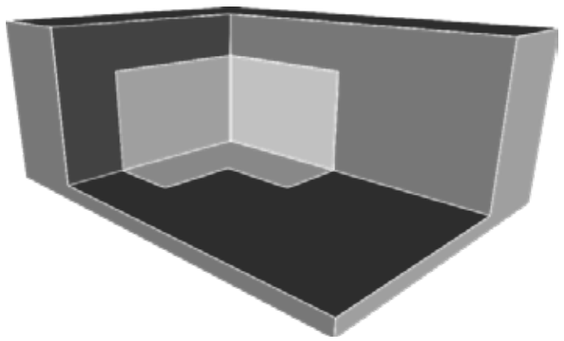
Apply the round Silicone Roofing TG Fleece IH01 to the wet coating layer. Make sure that there are no folds and air pockets in the fleece. Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

3



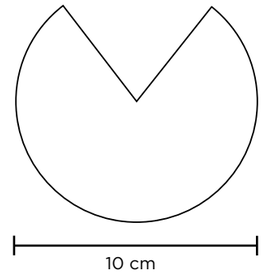
Apply Silicone Roofing TG Fleece IH02 to the wet coating layer. Make sure that there are no folds and air pockets in the fleece. Also make sure to coat the overlap of the fleece on both sides .

4



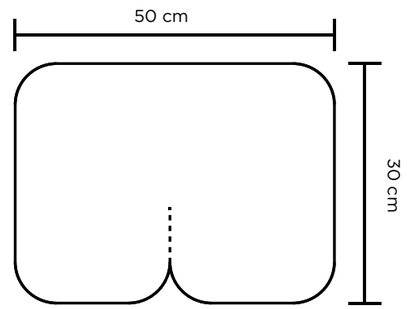
Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

UH01

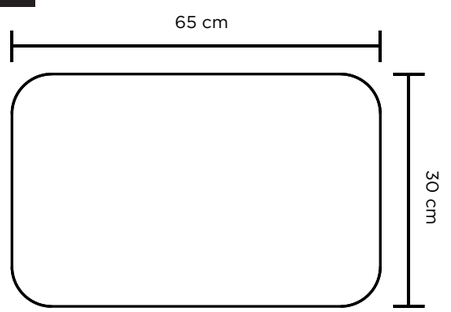


Use Silicone Roofing TG Fleece 60. Cut or trim the Silicone Roofing TG Fleece UH01, UH02 & UH03.

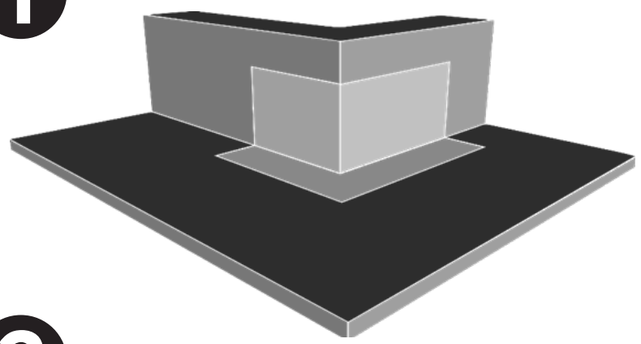
UH02



UH03

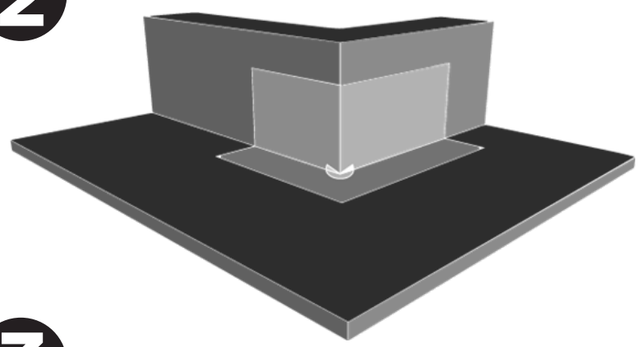


1



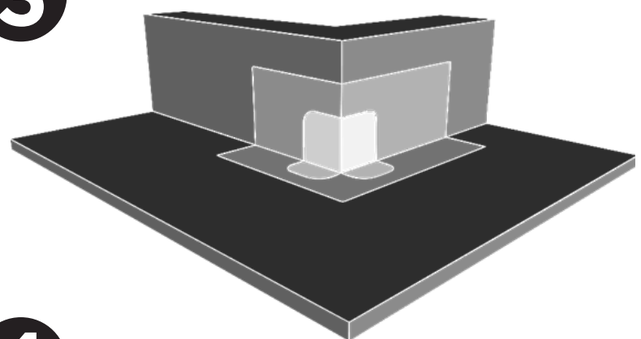
Apply a minimum of 500 microns of Silicone Roofing TG to the surface.

2



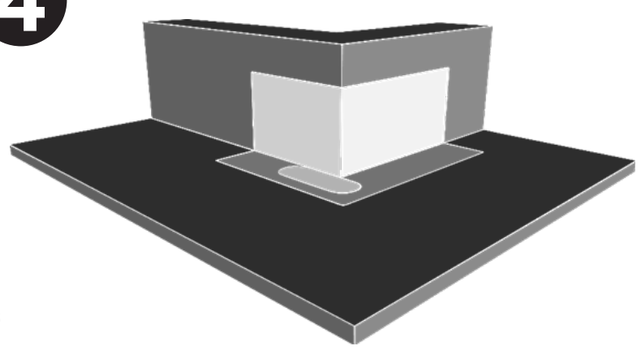
Apply the round Silicone Roofing TG Fleece UH01 to the wet coating layer. Make sure the fleece is taped through at least 4 cm on the raised side. Make sure that there are no folds and air pockets in the fleece. Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

3



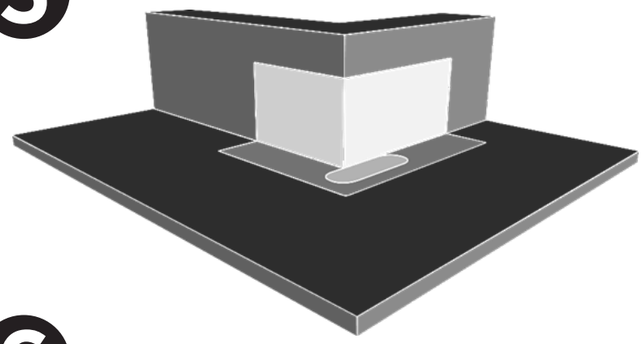
Apply Silicone Roofing Fleece TG UH02 to the wet coating layer. Make sure that there are no folds and air pockets in the fleece. Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

4



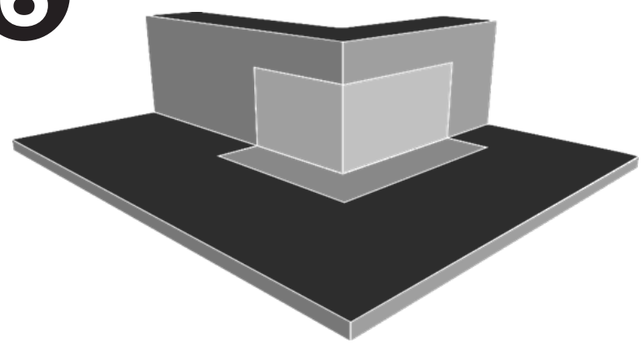
Apply the first Silicone Roofing TG Fleece UH03 to the wet coating layer. Make sure there is a minimum overlap of 10 cm over the recently applied fleece. Make sure that there are no folds and air pockets in the fleece. Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

5



Apply the second Silicone Roofing TG Fleece UH03 to the wet coating layer. Make sure that there are no folds and air pockets in the fleece.

6

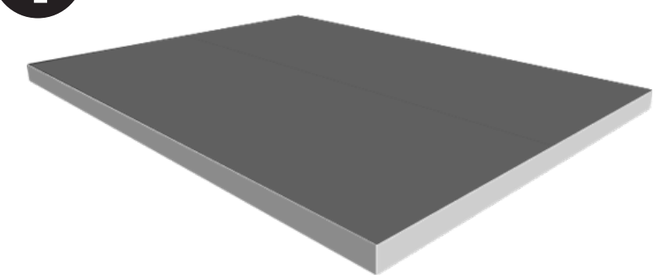


Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

PRE-TREATMENT VOLLEDIG DAKVLAK



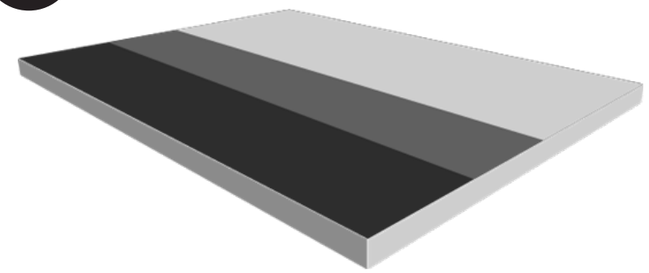
1



Use Silicone Roofing TG Fleece 70: 100 cm for large surfaces.

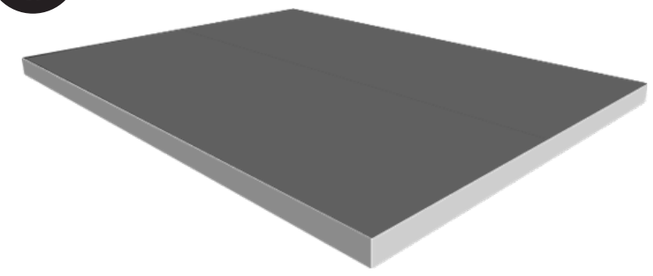
Apply a minimum of 500 microns of Silicone Roofing TG to the surface.

2



Apply Silicone Roofing TG Fleece to the wet coating layer. Make sure that there are no folds and air pockets in the fleece.

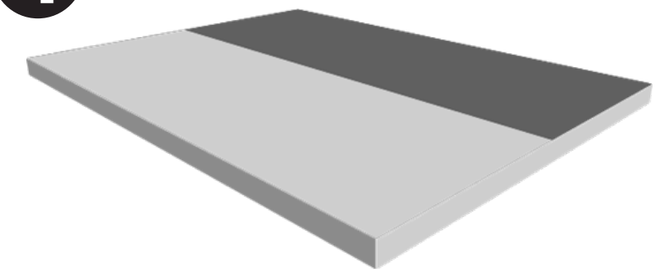
3



Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

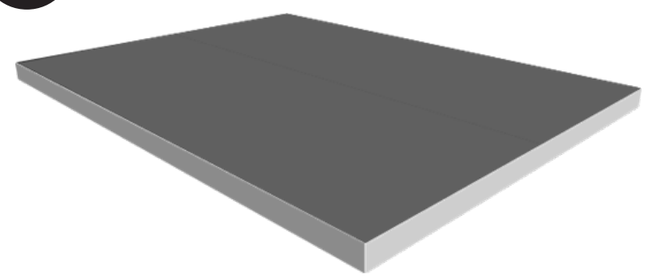
ENTIRE ROOF PRE-TREATMENT

4



Apply another strip of Silicone Roofing TG Fleece to the wet coating layer. Apply Silicone Roofing TG Fleece with a minimum overlap of 10 cm. Make sure that there are no folds and air pockets in the fleece.

5



Finish the fleece immediately with a minimum of 500 microns of Silicone Roofing TG.

FINISHING

THE APPLICATION OF SILICONE ROOFING TG

Silicone Roofing TG is always applied in 2 coats. Surfaces already coated with Silicone Roofing TG are given 1 coat. Apply Silicone Roofing TG in 2 different colours. Using contrast colours makes it easier to apply the right coating thickness, makes it easier to see where you left off and is less blinding (in the case of a white finish).

	1st COAT	2nd COAT
White finish:	SRTG 250 Light grey	SRTG 150 White
Light grey finish:	SRTG 150 White	SRTG 250 Light grey
Black finish:	SRTG 250 Light grey	SRTG 450 Black

GENERAL INFORMATION

SAFETY

You work at height, so always work safely. Ensure a good safe working environment. If there are anchorage points on the roof, you can work safely using a harness. If there are no anchor points, edge protection must be installed.

COVERING - MASKING UP

Cover off all objects, edges and areas that will not be coated. Cover everything that should not get dirty. It is better to mask off a little more than necessary.

THE SUBSTRATE

Make sure the substrate is completely clean and dry. If this is not the case, Silicone Roofing TG will not adhere sufficiently to the substrate. This is very detrimental to a durable bond on the flat roof surface.

SILICONE ROOFING TG

Always check the expiration date on the packaging. Use Silicone Roofing TG within the minimum expiration date. Always stir Silicone Roofing TG thoroughly before you start applying the coating.

MOISTURE CURING

Silicone Roofing TG is moisture-curing. Keep the following in mind:
- Only remove the lids from the packages you are working with directly. Close them when not in use.
- Submerge brushes and rollers completely in Silicone Roofing TG during breaks to prevent them from drying out.
- Never apply the coating over damp surfaces. Adhesion to the surface will not occur.

THE LAYER THICKNESS

Regularly check - during the application of Silicone Roofing TG - the applied layer thickness using a wet film thickness gauge. Per layer 500 microns Silicone Roofing TG.

PLANNING

Plan ahead where you will finish. At this point, you can make all the preparations to safely get off the roof surface.



DRIES QUICKLY

Silicone Roofing TG dries quickly. This offers the great advantage that in many cases, a roof surface can be coated twice in one day. Super convenient.

BRUSHES & ROLLERS PREPARATION

PREPARATION

Make sure all materials and tools are on the roof.

MATERIALS & TOOLS

- Roller stick
- Roller 25 cm + roller holder
- Roller 10 cm + roller holder
- Radiator brush flat 60 mm
- Masking tape
- Stirring stick and/or spindle
- Sandpaper



1 1ST COAT

Work systematically in strips. Dip the roller into the bucket and apply Silicone Roofing TG to the surface. Spread the coating evenly on the substrate before setting up the next strip.

2 2ND COAT

After sufficient drying of the 1st coat, the finishing coat can be applied. The coating is sufficiently dry when you can walk on the surface without causing any damage. Apply the coating according to the guidelines in point 1 above.

RECOMMENDED

With 15 kilograms, 12 square meters of roof can be coated. Distribute the buckets over the roof surface in such a way that areas are indicated directly. This way you know that sufficient Silicone Roofing TG is applied to the roof surface.



SPRAYING

PREPARATION

- Ensure that the sprayer is completely free of moisture in the system. If in doubt, flush the entire system with anhydrous white spirit.
- Put shrink wrap around the intake tube to keep it clean.
- Provide a shaded area to keep the sprayer and equipment out of direct sunlight.



MATERIALS & TOOLS

- Radiator brush flat 60 mm
- Masking tape
- Stirring stick and/or spindle
- Sandpaper
- Shrink wrap
- White spirit
- Spraying equipment

1 1ST COAT

Spray Silicone Roofing TG 50% overlapping on the surface with a minimum coating thickness of 500 microns.

2 2ND COAT

After sufficient drying of the 1st coat, the finishing coat can be applied. The coating is sufficiently dry when you can walk on the surface without causing any damage. Apply the coating according to the guidelines in point 1 above.

RINSING THE SPRAYING SYSTEM

After application, flush the sprayer with anhydrous white spirit. Clean the hose using a suitable cleaning sponge ball. Using slight pressure, flush the cleaning sponge ball through the hose several times. Subsequently flush the entire system once more with anhydrous white spirit. If the sprayer will not be used during the following week, spray the entire system with anhydrous white spirit. You are strongly advised to refrain from using the sprayer for other materials after spraying Silicone Roofing TG. There is a chance of clogging. Especially if they are moisture/water-containing products.

SPRAY MIST

While spraying Silicone Roofing TG, keep a close eye on the surrounding area. Minimize spray mist as much as possible. Removing spray mist is extremely difficult. Hardened material can only be removed mechanically. Using a fed roller significantly reduces spray mist.

SCAN THE QR-CODE
FOR A VIDEO TUTORIAL

MAINTENANCE

MAINTAIN TO PRESERVE

Regular cleaning of the coated roof surface is highly beneficial. In the case of white roofs, it improves reflection. In addition, a visual inspection of the roof surface can be carried out during cleaning.

RECOMMENDED MAINTENANCE CYCLE

White finish:	2x per year
Light grey finish:	2x per year
Black finish:	1x per year

PRESSURE CLEANING

The coated roof surface can be cleaned using a pressure cleaner. Both with a flat stream and a patio cleaner.

Important information when cleaning:
1. The surface must not be damaged. Use up to 150 bar working pressure;
2. Do not use a cleaning agent. The residue can have an adverse effect when the roof surface needs to be overcoate

WET ROOFS CAN BE SLIPPERY

A roof covered with Silicone Roofing TG can be slippery when the roof surface is wet. Shoes with a coarse tread are recommended for safe working during cleaning. After cleaning, lay rubber tile walkways on frequently used routes. A rubber tile walkway is safe for the user. It also protects the substrate.



PRODUCT INFORMATION SHEETS

FLAT ROOF REGISTRATION

ADHESION TEST

CLEANING

PRE-TREATMENT AND FINISHING

FINISHING



TIP

Scan the QR code for more product information, the flat roof inspection form and useful practical videos.

IMPLEMENTATION RULES

GENERAL

- Carefully clean the surface according to the guidelines described in this document;
- Cleaning should be done without adding cleaning and/or cleaning agents. Residue from a cleaning or cleaning agent will impair the adhesion of Silicone Roofing TG;
- An adhesion test should be carried out on each roof surface - measuring a minimum peak force of 4 kilograms - before starting the application of Silicone Roofing TG;
- Surface must be clean, dry, dust-free and load-bearing;
- Structural defects must be repaired before the work starts;
- Damage, blisters and loose parts should be repaired according to guidelines as described in this document;
- The product is moisture-curing, keep this in mind during application;
- Always apply the coat at the recommended thickness. Insufficient coating thickness can negatively impact adhesion. During coating application, randomly measure the wet film thickness.
- Remove wet coating using anhydrous white spirit;
- During the application of Silicone Roofing TG, the temperature of the surface should be at least 3°C above the dew point;
- Maximum percentage of moisture in the surface:
  - wooden surfaces <19%
  - concrete surfaces <4%
- Applying two coats on one day is preferable to one coat on day one and a second coat on day two;
- EPDM or bitumen can cause some yellowing to the finish;
- Keep in mind that wet roofs can be very slippery;
- Check a coated roof surface twice a year;
- Perform an additional check after extreme weather conditions;
- Periodic cleaning of the roof system is recommended. Use a high-pressure cleaner with an operating pressure of maximum 150 bar. The surface must not be damaged.

BRUSHES & ROLLERS

- Always use new rollers and brushes;
- During rest breaks, store brushes and rollers fully covered with coating. The material will dry quickly when stored in ambient air.
- During application, keep the product protected from moisture and air by covering the bucket with the lid as much as possible.

SPRAYING

- Always consider the surroundings - in view of potential spray mist;
- Ensure that the sprayer system is completely free of water/moisture;
- Put shrink wrap around the intake tube to keep it clean;
- Make sure the sprayer and equipment are kept in the shade;
- Flush the sprayer thoroughly with white spirit (anhydrous);
- Clean the hose using a suitable cleaning sponge ball. Then rinse well with white spirit (anhydrous);
- Rinse again after a week;
- After using Silicone Roofing TG, it is strongly discouraged to use the pump for other materials.

A BRAND OF GLOBAL PAINT PRODUCTS

The paint factory of Global Paint Products is located in Boven- Leeuwen. This is where Global Paint Professional's paint and roof coatings are developed and produced. It is a modern factory where qualified paint makers ensure consistently high quality. The paint has the lowest possible environmental impact and 100% green energy. Global Paint Products also has a factory in Curaçao for the Caribbean region. The paint quality is subjected to extra high standards due to the intense sun, wind, and salt exposure. This makes Global Paint Professional's paint solutions the best of their kind.

QUESTIONS

For inquiries, you can contact our customer service. Call +31(0) 487 595 160 or email: siliconeroofingtg@globalpaint.com

WE ARE HERE FOR YOU

We assist you with training, documentation and project support. This ensures you have all the knowledge and support needed to confidently go up on the roof.



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GLOBAL PAINT PRODUCTS B.V.

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