

# SabreGrip™

## INSTALLATION GUIDE



### SabreGrip S42 Installation Guide – FLOC Acoustic Panel



**SabreGrip™**  
**S42** Non-Chlorinated  
**Contact Adhesive**  
Net Weight 14.5kg Clear

- High Coverage
- High Tack
- Good Heat Resistance
- Low Odour
- Low VOC
- Excellent Spray Pattern
- Polystyrene Safe

**Directions for Use**  
SabreGrip S42 is an industrial grade non-chlorinated spray adhesive suitable for bonding a wide range of materials including wood, metal, plastic, glass, fabric, paper, leather, and other materials. It is also suitable for bonding to most types of wood and other porous materials. It is not recommended for use on polystyrene or other plastics that are not compatible with this adhesive.

**Preparation:** Surfaces to be bonded must be clean, dry, and free of dust, oil, and other contaminants. Surfaces should be roughened if necessary to improve adhesion. Surfaces should be primed if necessary to improve adhesion. Surfaces should be primed if necessary to improve adhesion.

**Application:** Apply adhesive to one surface of the material to be bonded. Allow adhesive to become tacky before bonding to the second surface. Press the two surfaces together firmly to ensure a strong bond. Allow adhesive to cure for 24 hours before use.

**Storage:** Store in a cool, dry place. Dispose of contents in accordance with local regulations.

**UN 3501**  
Corrosive liquid  
N.O.S. (2.3)  
Flammable liquid

**Health & Safety**  
S42 is a non-chlorinated adhesive. It is not recommended for use on polystyrene or other plastics that are not compatible with this adhesive. It is not recommended for use on polystyrene or other plastics that are not compatible with this adhesive.

**Precautions:** Avoid contact with eyes and skin. If contact occurs, wash thoroughly with water. Avoid breathing vapors. Use in a well-ventilated area. Do not use near open flames or other sources of ignition. Do not use in confined spaces. Do not use in areas where fire or explosion is a hazard. Do not use in areas where fire or explosion is a hazard.

**First Aid:** If inhaled, move to fresh air. If on skin, wash with soap and water. If in eyes, flush with water for 15 minutes. If swallowed, do not induce vomiting. Seek medical attention if necessary.

**Environmental:** Do not release into the environment. Do not release into the environment. Do not release into the environment.

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**Sabre** [www.sabre.ca](http://www.sabre.ca) [sales@sabre.ca](mailto:sales@sabre.ca)

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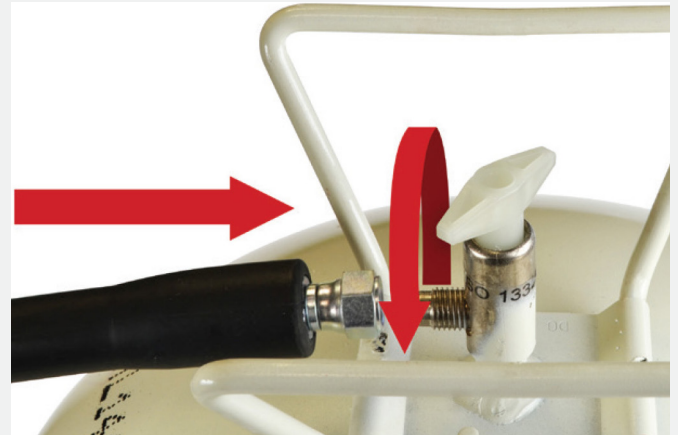
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# Setup Preparations



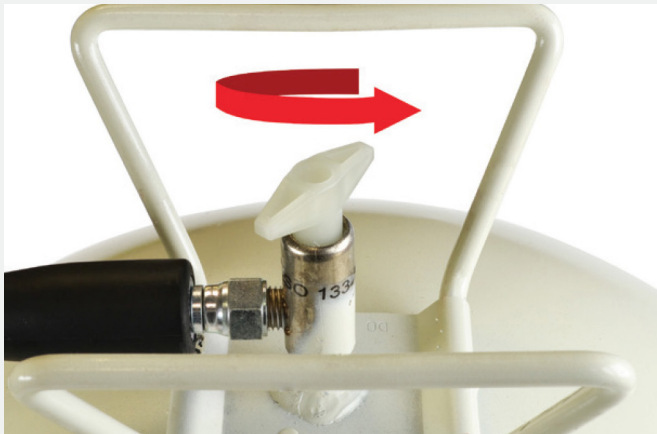
## STEP 1

Screw the larger hose nut to the gun thread (clockwise) and fully tighten with a spanner. Check hose is securely attached.



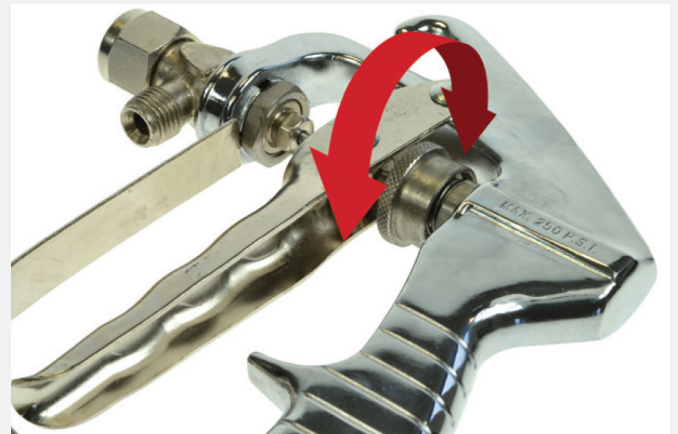
## STEP 2

Screw the smaller hose nut to the canister valve (clockwise) and fully tighten with a spanner. Check the hose is securely attached.



## STEP 3

Turn the canister valve anticlockwise until fully open. Check connections for any leaks and if any occur, tighten connections. **DO NOT TURN THE CANISTER VALVE OFF UNTIL THE CANISTER IS EMPTY** (this is to prevent the adhesive curing in the hose and gun).



## STEP 4

On initial use, or if the product has been standing for more than 12 hours, purge the hose. Pull the trigger and adjust the flow by turning the adjustment screw behind the trigger (anticlockwise to open and clockwise to close). Dispense and discard adhesive until a consistent spray is achieved.

# Application



## STEP 1

Prepare the surface to be bonded, ensuring both faces are clean, free of dust, dirt and grease. It is important the substrate is not porous, if the substrate is porous i.e. unsealed GIB, it needs to be sealed prior to bonding. This can be done with a primer or undercoat, or by applying a light primer coat of adhesive prior to applying a full coat of adhesive.



## STEP 2

Hold the spray gun at a constant distance of between 100- 250mm from the surface, at a 90° angle to the surface. Spray with about a 50% overlap with successive passes.



## STEP 3

Maintain a constant speed of application during spraying. Do not allow the adhesive to puddle or heavily 'wet' the surface. Minimum recommended coverage is 80-100%, and a minimum coat weight of 20 dry grams per m<sup>2</sup>.



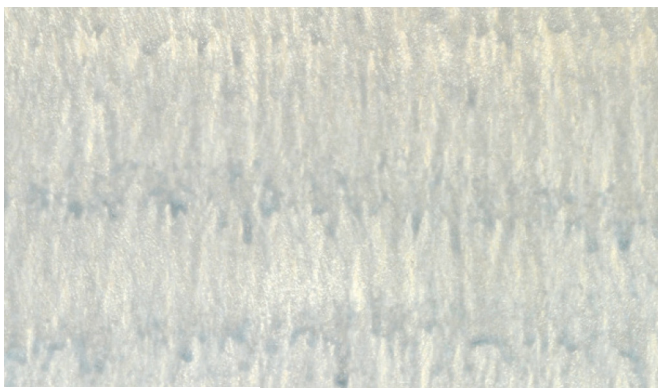
## STEP 4

Allow adhesive to tack off. Test this using back of hand only; surface should be tacky, but adhesive should not transfer to skin. Position substrates correctly and press together working from centre outwards. Apply adequate pressure using hard rubber hand roller to achieve at least 35psi at glue line.

# Bonding Techniques



COVERAGE TOO LIGHT



COVERAGE TOO HEAVY



CORRECT APPLICATION = 20 dry gms/sqm



75mm HAND ROLLER

- Do not angle spray gun or move in an arc while spraying. Hold gun at 90° to surface. Release trigger at end of each pass to optimize coverage.
- Many man-made boards such as plywood, flexi-ply and MDF are very absorbent and will need a primer coat (shown in 'COVERAGE TOO LIGHT' picture). Allow to dry, then apply the normal 'CORRECT APPLICATION', as shown, over top of primer coat.
- Maximum adhesion will be obtained by spraying mating faces at 90° to each other, i.e. spray horizontal on the wall, and vertically on the FLOC. Double coating perimeter of face and edges is recommended, including areas around subsequent cutting positions.
- If higher strength is required then additional coats of adhesive can be applied, wait for the previous coat to tack off before applying another coat of adhesive.
- When bonding FLOC with SabreGrip S42 in any overhead applications, a secondary adhesive is required, such as SabreFix PS Construction Adhesive.

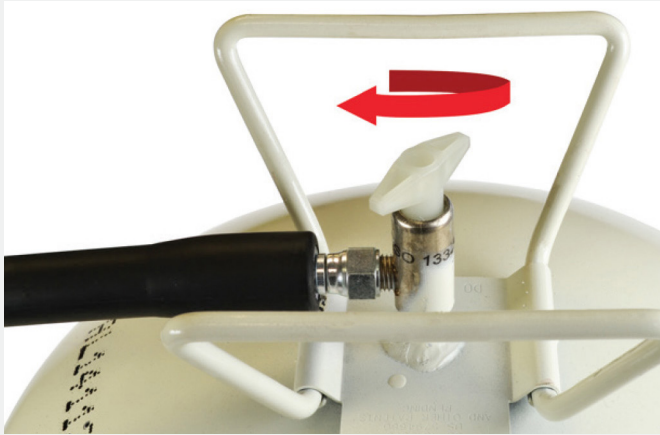


## Recommended spray tip:

The recommended spray tip for bonding FLOC with SabreGrip S42 is an '8002.'

# Changing to a New Canister

**Important:** Safety glasses and gloves must be worn during the disposal process.



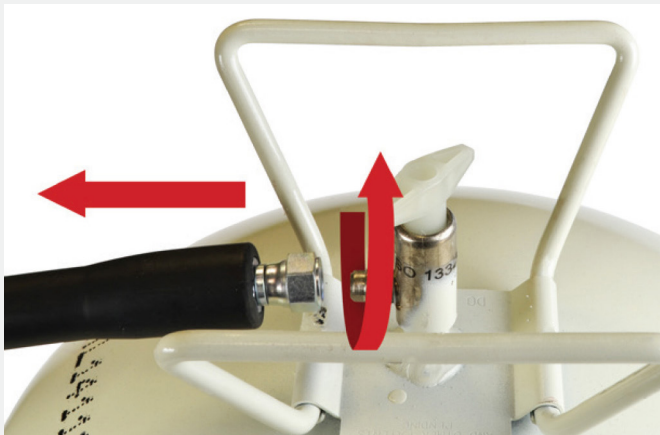
## STEP 1

Turn the canister valve clockwise until fully closed.



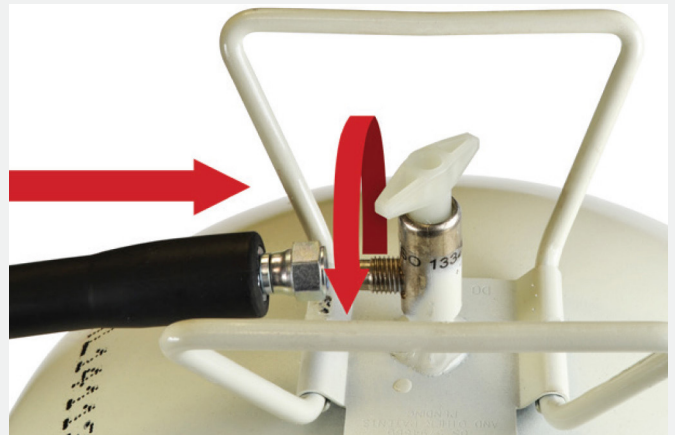
## STEP 2

Pull the trigger on the gun and hold until hose is drained to expel residual pressure.



## STEP 3

Unscrew the hose nut and disconnect the hose from the empty canister (move to next page for canister disposal).



## STEP 4

Connect the hose and gun to the new canister (go to Step 2 of PREPARATION and follow the process through to Step 4).

**Important note:** This process should be followed through immediately and adhesive should be dispensed from the new canister or the gun and hose will block and become unusable.

If you are not transferring the hose and gun to a new canister you will need to flush it with solvent to ensure it can be used again on future jobs.

# Disposing of Empty Canisters



## STEP 1

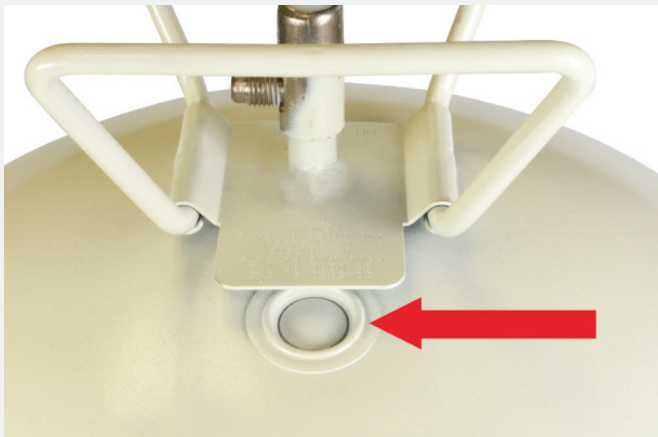
Lay the empty canister on its side with the valve pointing AWAY from the operator, and well away from sources of ignition.

## STEP 2

Open the canister valve and release any residual pressure.

## STEP 3

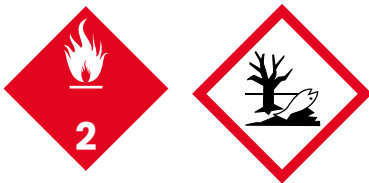
Stand canister upright. Use a hammer and brass punch or other non-sparking instrument to puncture the friable disc.



## STEP 4

As long as the user is able to accept responsibility for depressurising the canister, it can be disposed of as per normal scrap metal disposal (subject to local waste regulations).

## Transport Information



During transport, the recommended PPE (Refer to MSDS), First Aid Kit and suitable Fire Extinguisher should be readily accessible in the vehicle.

Keep vehicle well ventilated at all times.

Secure canister during transportation

### Disclaimer

Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in accordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.

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