

Sabre®

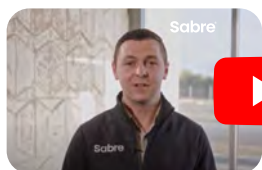
Contact
Adhesives

Canister Spray Manual



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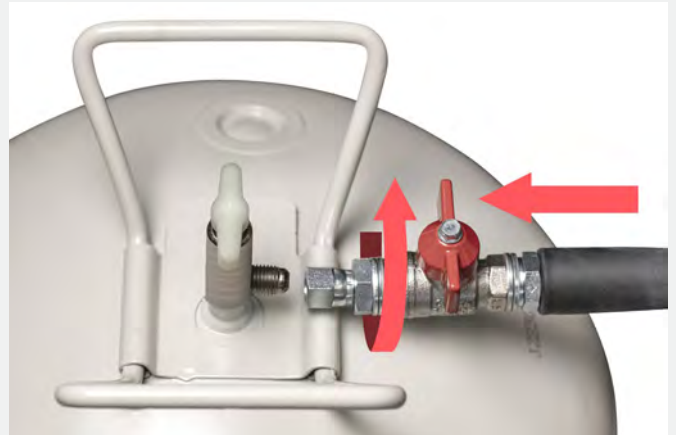
**Watch our SabreGrip™ Canister
Tutorials on our YouTube channel**

Setup preparations



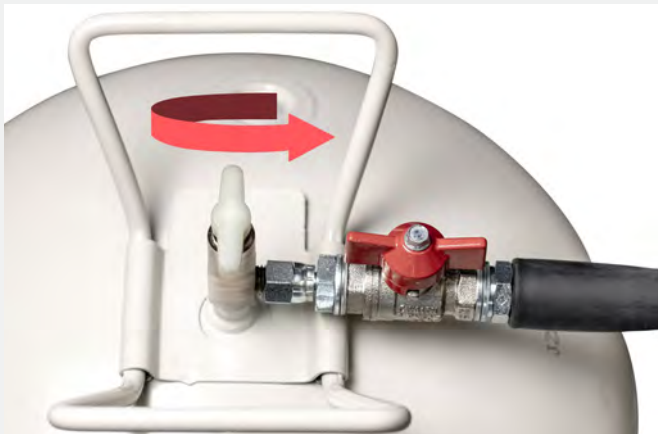
STEP 1

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



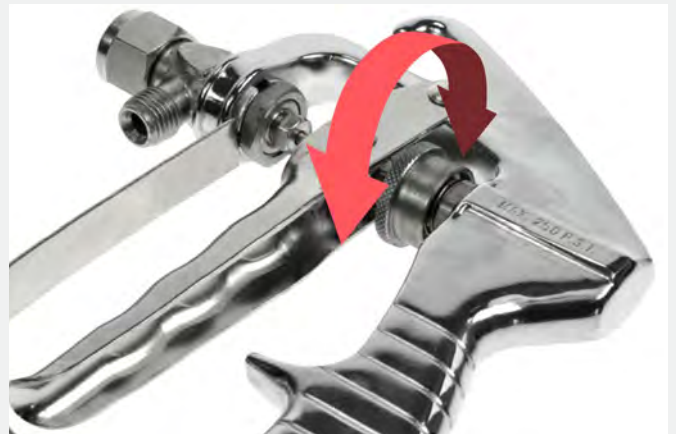
STEP 2

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



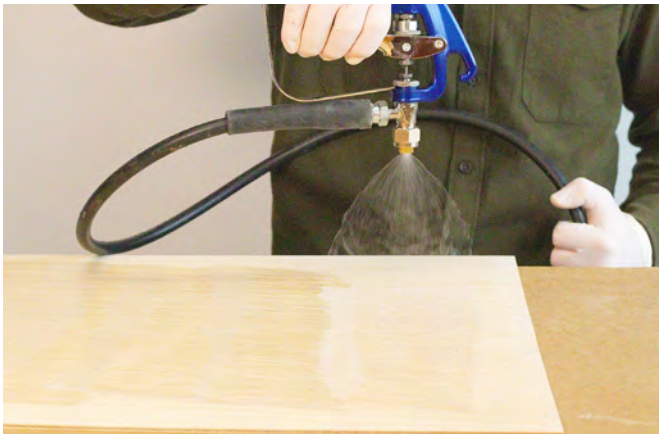
STEP 1

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 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 m².



STEP 4

Allow adhesive to tack off for 1–5 mins. 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.

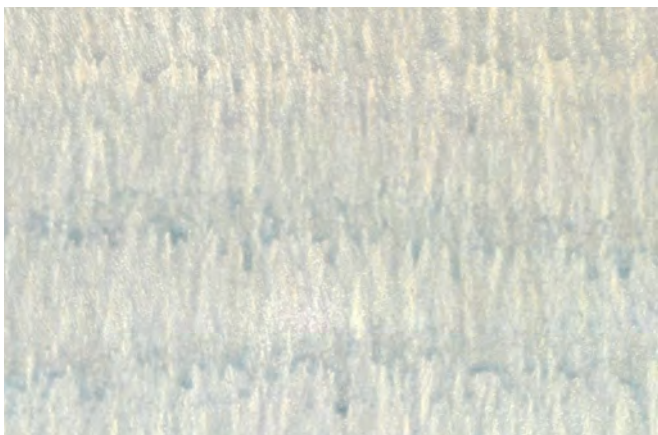
Bonding Techniques



COVERAGE TOO LIGHT



75mm HAND ROLLER



COVERAGE TOO HEAVY

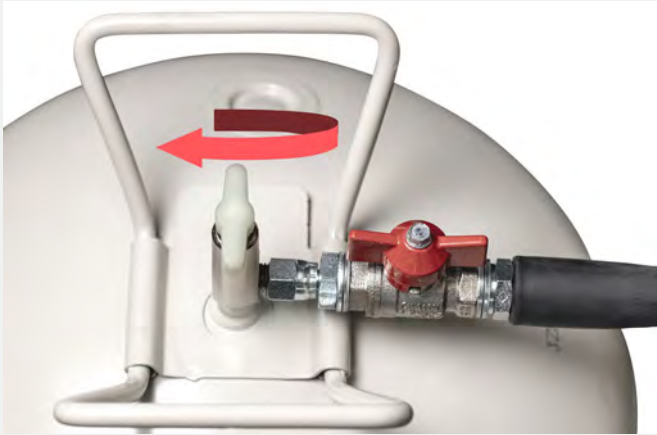


CORRECT APPLICATION = 20 dry gms/sqm

- 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 surface A and vertically on surface B. 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 SabreGrip adhesives in any overhead applications, a secondary adhesive is required, such as SabreFix PS Construction Adhesive.

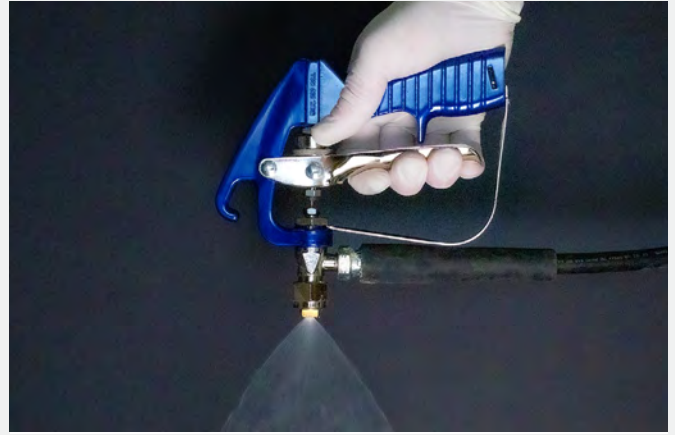
Changing to a new canister

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



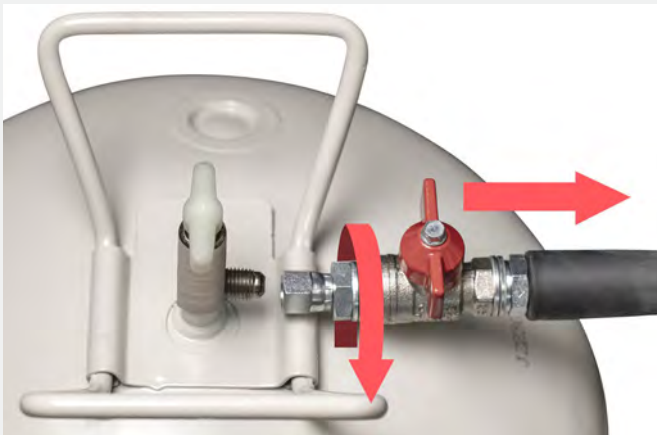
STEP 1

Turn the canister valve clockwise until fully closed.



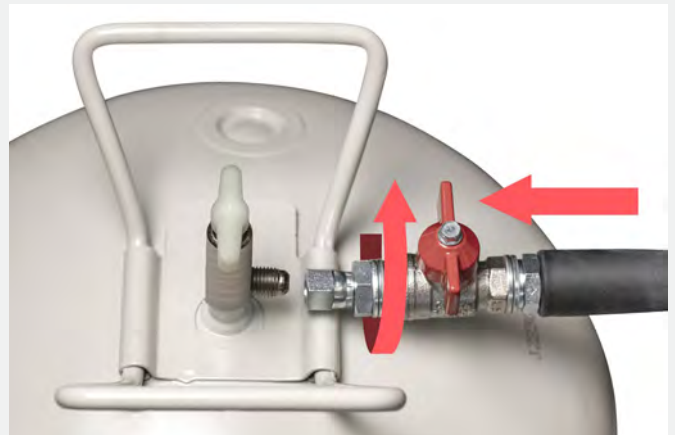
STEP 2

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: This process should be followed through immediately and adhesive should be dispensed from the new canister otherwise the gun and hose could block and become unusable.

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

Gun Maintenance

If adhesive starts to seep from the gun, follow these steps.



STEP 1 Check the hose connection.

Take a look at the hose connection to the gun. Does your hose look like a swivel hose? If so, it is too loose and needs tightening. The gun and hose are designed to join almost seamlessly together. This is to provide the adhesive with a straight, unbroken trajectory to the gun tip. Any breaks in this line will mean the adhesive will leak out.



STEP 2 Clean the gun tip.

Over time, the gun tips can build up with dried adhesive. When this happens, the gun can't close off properly, so the adhesive continues to dribble out after the trigger is released. To fix this, simply remove the gun tip and clean with Sabre CC Citrus Cleaner. In extreme cases, a replacement tip may be required.



STEP 3 Tighten the backing seal.

The adhesive only passes through a very small part of the gun when being sprayed. To prevent the adhesive from leaking out of this area, it is sealed off. This seal is held in place by a nut. Over time, this can become loose, causing the seal to fall out of place. This needs to be tightened. However, be careful not to make this too tight, as it will mean the trigger will not work, and the adhesive won't spray as it should.

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

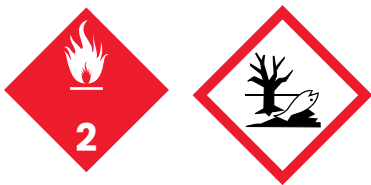
Stand canister upright. Use a hammer and brass punch or other non-sparking instrument to puncture the friable disc.

STEP 4

As long as the user is able to accept responsibility for depressurising the canister, it can be recycled as per local 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

Good bonds last.

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