

INSTRUCTION SHEET

SabreFix™ F35

SabreFix F35 Spray Foam Insulation effectively seals air gaps and insulates, reducing energy consumption and increasing R-value. It is suitable for residential, commercial, and industrial applications.



This product is recommended for professional use. However, use by experienced homeowners is possible.

Read Safety Data Sheet (SDS and Technical Data Sheet (TDS) before use.

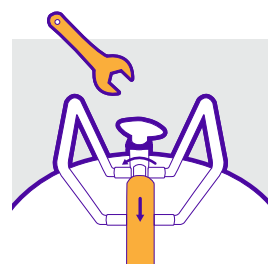
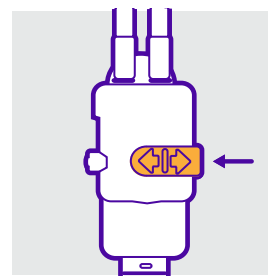
Always wear appropriate PPE when using this product. PPE required for this product includes full body overalls, gloves, eye protection and P2 mask.

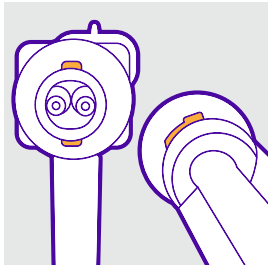
NOTE: SabreFix F35 Spray Foam Insulation is temperature sensitive. Failure to follow these instructions may result in poor performance and reduced foam yield and quality.

Canister Set Up

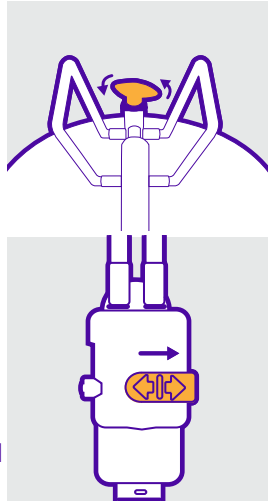
Store in a dry, well-ventilated area at room temperature. Do not expose to open flame, ignition source or temperatures above 32°C.

1. Ensure product remains between 16 and 32°C for 36 to 72 hours prior to application.
2. Ensure product and substrates remain between 16 and 32°C throughout application.
3. Use in a well-ventilated area.
4. Remove hose and accessories from the kit.
5. Ensure the gun is locked by pushing the locking mechanism on the top of the gun towards the centre until it is clicked in place. Test by pulling the trigger, if the gun is locked the trigger will not move freely.
6. Attach the white hose to the Part A canister and the red hose to the Part B canister. Tighten the connections with the spanner provided (do not over-tighten).



7. Fully open the valves on both canister by turning anti-clockwise until the canister ceases to hiss, and the hose is filled with chemical.
8. Unlock the gun by sliding the lock away from the centre.
9. Remove any air from the hose by spraying foam into a waste container until both streams of chemical are flowing evenly (pull the trigger fully to dispense foam). This process usually takes 5–15 seconds.
10. Wipe the fluid outlet of the gun with a cloth to remove residue before attaching the nozzle.
11. Lubricate the gun nozzle connector with the lubricant provided to ensure an air-tight connection.
12. To attach your selected nozzle line up the notches on the top and bottom of the gun nose with the cut out channels in the nozzle. Push the nozzle onto the gun and twist clockwise to lock it in place.


The kit contains two type of nozzle to choose from:
The YELLOW NOZZLE is for a wide spray pattern.
The CLEAR NOZZLE is for a narrow spray pattern.
13. Spray another test into your waste container to ensure the parts are mixing correctly. The foam should be off-white in colour and be tack free within 30–60 seconds.
14. Ensure canisters remain in an upright position throughout application.
15. DO NOT move the canister around using the hose, always pick the canisters up using the box or the handle.



Application

SabreFix F35 Spray Foam Insulation adheres to most porous building materials. Metal substrates must be free from oils and other foreign matter and may require priming where adhesion is critical. This product is not suitable for use on Polyethylene, Polypropylene, PTFE (Teflon®) or silicone.

DO NOT use this product to fill restricted cavities. SabreFix F35 Spray Foam Insulation is an expanding product and should only be used where sufficient expansion space is available. **WARNING** Spray Foam Insulation produces heat while curing. Depending on the thickness of the cavity, excessive heat may cause foam discoloration, smoldering or even fire. If smoke is emanating from curing foam, use a fire extinguisher. This is NOT an injection foam product.

For best performance apply the foam in multiple thinner layers rather than a single thick layer. Foam expands to two or three times its original volume. It is important to allow the foam to cool between layers. Apply foam in 2–3cm (cured) layers, allowing 15 minutes between layer applications.

1. For best results pull the trigger fully when spraying to ensure even coverage and correct mixing of components.
2. Application surfaces should be clean, dry and free from foreign materials.
3. Cover surfaces around the application site with drop sheets to prevent over-spray.
4. Test application of foam insulation to become familiar with how it sprays before commencing your project.

Wall Cavities

1. For best adhesion performance apply a thinner first coat of foam, approximately 1–2cm thick (Cured).
2. Apply subsequent layers approximately 2–3cm thick (cured). Allowing time for the foam to cool between layer applications.

Perimeter/Bead application

Spray a 5–7cm continuous bead of wet foam around perimeters of rim joists, wall cavities and other gaps and cracks to provide an air-tight seal.

Flash & Batt Applications

1. Spray a 5–7cm continuous bead of wet foam around perimeters of rim joists, wall cavities and other gaps and cracks to provide an air-tight seal.
2. Follow instructions for applying foam to wall cavities to backfill the rest of the wall.

Notice: If spraying is stopped for longer than 30 seconds, the foam in the nozzle will begin to cure. The nozzle can be cleaned before the foam sets using Sabre FC Foam Cleaner cleaner or replaced with a new unused nozzle. Remember to clean the gun fluid outlet with a cloth and reapply lubricant before attaching the new nozzle to the gun. DO NOT spray acetone cleaner onto the gun.

Shutdown and Storage

Partially used foam insulation kits can be reused within 30 days of the initial application using this process:

1. Close the valves on the top of both canister by turning clockwise.
2. DO NOT drain the hose.
3. Push the trigger lock on the top of the gun toward the centre to engage the lock.
4. Remove the used nozzle but DO NOT DISCARD.
5. Wipe the gun fluid outlet with a clean cloth to remove any chemical. DO NOT use solvent on the gun fluid outlet.
6. Apply a new layer of lubricant to the gun fluid outlet and reattach the used nozzle to prevent moisture from entering the hose.
7. After 7 days of non-use, turn the canister valves on and purge the liquid in the hose. Then repeat this process.

Store partially used canister in a dry, well-ventilated area at room temperature. Do not expose to open flame, ignition source or temperatures above 49°C. Products must be re-warmed to between 16 and 32°C before re-use.

Clean Up

Uncured foam may be removed by wiping off with a dry cloth or Sabre THUNDER WIPES™ or an acetone cleaner. Ensure the acetone cleaner is safe for use on the substrate before application.

DO NOT use acetone or foam cleaner on the gun fluid outlet as it could create moisture build up in the barrel. Always clean the gun with a clean towel or rag.

DO NOT use foam or acetone cleaner on your skin, wipe off any uncured foam with a dry cloth. DO NOT use water on uncured foam as it accelerates curing.

Cured foam can be removed from surfaces mechanically. If foam cures on skin, apply a generous amount of petroleum jelly put on plastic gloves and wait 1 hour. Wipe off residue firmly with a cloth and repeat process if necessary.

Troubleshooting

If cured foam appears either lighter or darker in colour immediately after spraying, one of the components may be blocked. Stop spraying and do the following:

1. Check both canister valves are fully open.
2. Check for and fix and kinks in the hoses.
3. Remove the nozzle and clean off any residue, spray into a waste container to check that two even streams exit the gun.
4. Check the temperature of the canisters and operating environment are between 16 and 32°C.
5. For additional assistance please contact Sabre on (06) 366 0007

New Zealand

+64 6 366 0007
40–42 Cambridge St South
Levin 5510

Australia

+61 (03) 8657 5507
176 Paramount Blvd
Derrimut VIC 3026