

SabreGrip™ S40

SabreGrip S40 is developed in conjunction with the acoustic industry for all acoustic panel bonding applications. SabreGrip S40 is a fast drying contact adhesive, suitable for all types of acoustic panel installation and applications including in-house and on-site bonding processes.



Advantages

- Non-Flammable Adhesive
- Low VOC
- Excellent High Coverage of up to 230m² per 22L canister
- 80% of Final Strength achieved immediately upon bonding
- Open time allows for repositionability for panel alignment prior to bonding
- Can be tinted for visibility of application coverage
- Full strength achieved in 24 hours, high strength long-term bond
- Fast drying 3-4 mins with excellent initial green strength bond
- High tack – adheres aggressively to nearly any surface
- Long open time 45-60 mins
- High (105°C) temperature heat resistant
- Low Odour – suitable for Building Sites
- Low Atomisation limiting overspray
- Portable Airless self sufficient Aerosol Canister
- Spray System with adjustable spray patterns

Physical Properties

Total Solids	21-27%
VOC Content	70.0 g/L
Colour	Clear/Green
System Flammability	Non-Flammable Adhesive; Flammable (2) Propellant
Solvent System	Methylene Chloride
Dry time	3-5 mins dependent on temp & humidity
Open time	Long

Directions for Use

- Prepare panel and substrate for SABRE GRIP S40 adhesive application. Apply SABRE GRIP S40 adhesive to both the panel and substrate surfaces in an even manner with 80-100% surface coverage. Spray the pattern with a 50% overlap on passes of spray pattern holding the spray gun within 150mm of the surface being sprayed Using a spray-release-spray method to avoid excessive build up of overlapped adhesive patterns. Cutting in can be done by adjusting the spray gun to a smaller fan width spray pattern to allow for intricate spraying Porous surfaces may need a second coat, if needed, allow for first coat to tackoff before applying the second coat.
- Allow enough time for the glue line to tack-off (3-5 Minutes or until dry but tacky to the touch without any transfer of wet adhesive to fingers) before placing panels and creating the bond. Apply the panel to create the bond within the open time of the SABRE GRIP S40 adhesive (within 45-60 minutes). If you have exceeded the open time, spray a fresh glue line and adhere within the open time. Full Surface pressure must be applied to bonded panel using a laminate type roller within 10 minutes of the panel being applied to facilitate full adhesive transfer and a strong bond. Initial bond is strong enough to allow for cutting

or trimming immediately if needed The bonded panel should be smooth and free of air bubbles, wrinkles, gaps and or blemishes. Ultimate strength of the bond is achieved in 1-3 days.

- Clean any surface as necessary with the Tensor Citrus Based C101 bio-degradable adhesive cleaner and remover.

Canister Storage/Change Over

- If you choose to leave the hose and spray gun on the canister, leave the valve on the canister open. Do not disconnect the hose/gun from the canister. Close and lock the spray gun.
- To change or disconnect canister: turn canister valve to the off position, spray out remaining adhesive left in the hose, disconnect the spray hose and gun from the canister.
- Reconnect the spray hose to a new canister of adhesive. OR if you are NOT connecting to a new canister, connect hose to canister of cleaning solvent (sold separately) and spray out until liquid is clear which indicates that the hose and gun is clean.

Shelf Life

18 months from date of manufacture.

Special Precautions

For optimum results store canister above 18°C during use, but must always be above 10°C. Allow substrates to acclimatise to normal room temperature (18°C) for 48 hours before bonding. Do not exceed open time of the adhesive. Keep canister off cold concrete floors during use. If adhesive is expelled wet or as a jet, canister is too cold – move to warm environment and allow to thoroughly acclimatise before reusing.

Caution

- Use only in well ventilated areas.
- Do Not thin or reactivate with solvents.
- Do Not incinerate.
- Do Not expose to extreme heat over 50°C.
- Keep away from sources of ignition.
- Release pressure before disconnecting hose.
- Test for suitability before use.

MSDS and Technical Date Sheets MUST be read and understood before use. Information contained in this technical literature is believed to be accurate and offered in good faith for the benefit of the consumer. The company however cannot assume any liability or risk involved in the use of its chemical products since the conditions of use are beyond our control. Statements concerning the possible use of our products are not intended as recommendations to infringe on any patent. These products are for industrial use only.

Reviewed January 2023
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IMPORTANT NOTICE

Sabre Adhesives Limited makes no warranties, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of application. Due to the fact that specific substrates, such as: plastics, polycarbonates, etc, may differ from manufacturer to manufacturer we recommend preliminary compatibility tests. Please remember that many factors can affect the use and performance in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a product. Given the variety of factors that can affect the use of our products some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

LIMITATION OF REMEDIES AND LIABILITY

If the product is proved to be defective, the sole remedy shall be to refund the purchase price or to repair or replace the defective product. Sabre shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

Handling & Storage

- Consult Material Safety Data Sheet prior to use
- Do not store at temperatures over 50°C
- Avoid exposure to direct sunlight
- Do not store directly on concrete floor
- Always store above 15°C
- When connected, keep valve open and hose pressurised at all times
- Always test our adhesives to determine suitability for your particular application prior to use in production



Packaging

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