

# CLADFILL ACOUSTIC SEALANT

(Acrylic Gap/Crack Filler)

**CLADFILL** Acoustic Sealant is a high quality, water based, co-polymer acrylic with acoustic properties. It is specifically formulated to seal low movement joints, gaps and cracks. Cladfill Acoustic Sealant will adhere to most common building materials such as plaster, concrete, wood, metal etc. without the need for any priming.

Typical applications include

- . Sealing joints around internal door frames, windowsills, skirting boards.
- . Sealing gaps around the internal frames of windows
- . Sealing cracks in internal and external plaster work before painting
- . General gap, joint filler for internal applications in gypsum walls and ceilings
- . General sealing of internal fixtures and fittings

**CLADFILL** Acoustic Sealant Benefits

- . One-part, easy to use
- . Adhesion to most common building substrates
- . Acoustic Properties – STC 50bB, ASTM E-413 – 122mm thick drywall partition system
- . Non-sagging
- . Can be over painted
- . Suitable for use on hairline cracks
- . Flexible
- . Water resistant once cured

**CLADFILL** Acoustic Sealant Technical Data

. Chemical Basis	Acrylic
. Appearance	White Thixotropic Paste
. Cure Mechanism	Water Evaporation
. Tack free time at 23°C and 50% r.h.	≈ 15 minutes
. Initial setting time	4-6 hours
. Full Cure	48 Hours
. Paintability	Can be over painted
. Movement	+/-12.5%
. Acoustic Properties	STC 50bB, ASTM E-413 (122mm thick drywall partition system) ARAI Test report No: NVH/8041/2017-18/590(V-5)
. UV Resistance	Good
. Application Temperature	+5°C - +40°C
. Service Temperature Range	-10°C - +80°C

<b>Color</b>	White	<b>Packaging</b>	310ml Cartridge and 1kg Plastic Tub
<b>Storage</b>	Store in cool / well-ventilated areas	<b>Shelf Life</b>	12 Months stored correctly

MADE IN INDIA

Office Address: Office No. 201, Building No. 12, HDIL Industrial Park, Virar East – 401305

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Branches: Mumbai & Hyderabad, Website: www.apagar.in

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## Surface preparation

Gap/crack surfaces must be dry, clean and free of all contamination. Clean the surface with a brush, clearing any excess dust with a soft brush or damp cloth.

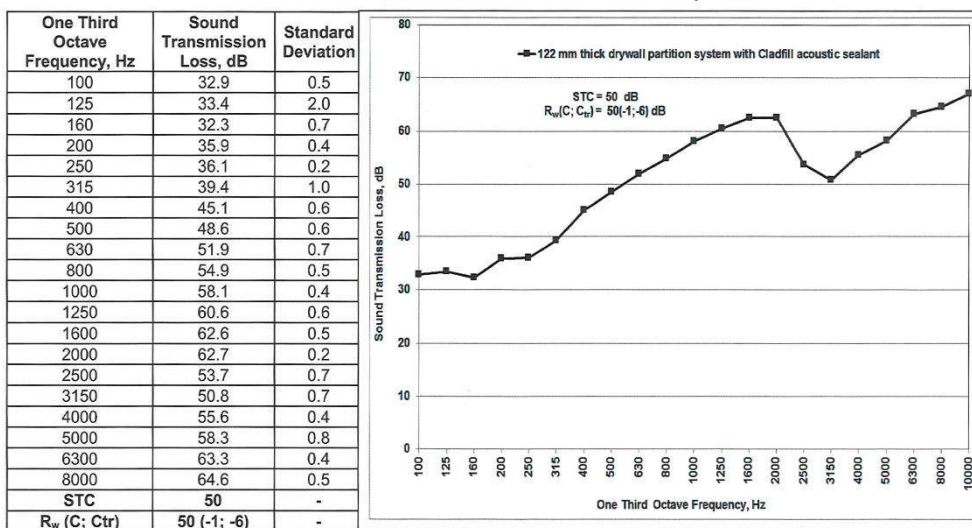
## Application

If applying from a tube, press firmly on the tube to extrude the Cladfill Acoustic Sealant in to the gap/crack to be filled. Ensure the material is firmly pressed in to the void for maximum contact and adhesion and to avoid any air pockets. Any excess material can simply be removed with a flat blade to give a smooth finish. If applying from a plastic tub, Cladfill Acoustic Sealant can be applied with a spatula, putty knife or trowel. Firmly press the material in the gap/crack to be filled to ensure maximum contact and adhesion and to avoid any air pockets. Material can be smoothed off with the spatula, putty knife or trowel. If applying as a patch filler onto dry cement or plaster, it is advisable to treat first with a PVA solution (approximately 5 parts water to 1-part PVA). This solution should be applied by brush to the area being filled. Where there is a continuous gap, such as a door frame or window frame, masking tape should be used to give a clean defined edge to the gap being filled. Remove masking tape before the material has skinned – within 10 minutes if possible.

No. NVH/8041/2017-18/590(V-5)

22<sup>nd</sup> December 2017

Table 1 and Figure 2: Values and plot for Sound Transmission Loss of 122 mm thick drywall partition system with Cladfill Acoustic Sealant at one third octave frequencies



The Measurement Uncertainty in sound transmission loss evaluation is  $\pm 3$  dB from 125 Hz to 630 Hz and  $\pm 1.5$  dB above 630 Hz with 95.45 % confidence level and K= 2. The measurement uncertainty has been computed at one third octave frequency band from 125 Hz to 8000 Hz.

## Notes:

Material should not be used in high movement joints; Material should only be exposed to water/rain once cured

## Health and Safety

Ensure that protective gloves, overalls and protective footwear are worn at all times when handling the material. Avoid skin contact. Should the material come in contact with the skin it may be removed with soap and warm water. If discomfort continues, seek medical advice. If product comes in to contact with eyes, rinse with plenty of fresh water and seek medical advice. For full updated information please see Material Safety Data Sheet.

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