



Mascoat
P R O D U C T S

**Why Paint
And then
Insulate?**

The Industry Leaders in Insulation Coatings



OVERVIEW: This coating is designed to provide dramatic sound dampening characteristics when applied correctly. All

ingredients are considered safe and environmentally friendly. Please make sure to follow directions closely for proper application of this coating.

CHARACTERISTICS

Flash Point:	Non-Combustible
Base:	One part, Water-based acrylic
Shelf Life:	1 year
Coat Thickness:	30-60 mils DFT (0.75-1.50mm) wet
Coverage Rate:	35-40 ft ² /gal @ 40mils (0.9-1.1 m ² /liter @ 1.0 mm)
Temp. Limit:	Sustained 200°F
Dry Time:	0.5-1.0 Hours
Cure Time:	72 Hours
Topcoat Time:	24-36 Hours
Volume Solids:	73-75%

This coating is Enviro-Friendly, Non Toxic and Non Combustible
Suitable for transportation via Air or Ground

DO NOT LET FREEZE!

NON-HAZARDOUS and NON-COMBUSTIBLE

Suitable for transportation via Air or Ground (Class 55)

GENERAL INSTRUCTIONS:

Delta dB V2 Sound Coating must be applied in temperatures above 55° to upper limit of 200°F (10°-90°C) due to its water-based structure. The coating can be applied in successive coats to provide added insulation qualities with no upper limitation. Delta dB V2 should be applied as close to the substrate as possible. When using Delta T Marine Insulating Coating (Mascoat's thermal insulation coating), Delta dB V2 should be applied first for best sound dampening results, with Delta T Coating applied direct to Delta dB V2 Sound Dampening Coating. Coating must be dry to touch prior to application of next coat to insure no water entrapment. Please follow directions closely to insure proper coverage and insulation capabilities.

SURFACE PREPARATION FOR METAL APPLICATIONS

Prep for Metal Applications:

Bare steel substrates will need to be cleaned and primed prior to application of Delta dB V2. If the substrate is coated with pre-construction primer, this will suffice as a primer. Make sure that all areas of the steel, including welds and touch up areas; have been coated with the primer. Wait 24 hours to make sure primer is cured. Delta dB V2 Sound Coating can be sprayed directly on top of the primer without any other prep. If there is a large delay between coating primer and Delta dB V2 Sound Coating application, make sure that the area is clean and free of any foreign matter. This can be accomplished by wiping the surface down with a rag or air sweep.

Galvanized Metal

Delta dB V2 Sound Coating can be applied directly to galvanized metal. No additional primer system is needed. Substrate needs only to be cleaned with either of the two recommended cleaning methods:

- If surface is new galvanized metal, a light vinegar wash is required prior to application of Delta dB V2 Sound Coating. This wash is to insure that all oils and protective compounds are removed from the surface. A light pressure wash is also recommended.
- If the surface is older galvanized metal and somewhat dirty, a light pressure wash is recommended prior to application of Delta dB V2 Sound Coating. Make sure that all degraded substrates are either repaired or replaced prior to the application of the coating.
- Light surface sanding can also be used as a means for providing better adhesion on slick surfaces.

Prep for Aluminum Substrates:

Delta dB V2 Sound Coating can be directly on top of aluminum and stainless substrates without any primer. Since the coating contains no chlorides, it has no problem with these substrates. If the substrate is fairly new, we recommend a light vinegar wash prior to application of Delta dB V2 Sound Coating. This can be accomplished by simply wiping down the substrate with a light mixture of household white vinegar and water.

For more details on surface prep, please see our Website: www.mascoat.com

NOTE: Application of Delta dB V2 prior to Delta T Insulating Coating:

Delta dB V2 Sound Coating should be applied direct to primed metal as the coating works most efficiently when attached closest to metal substrate. Delta dB V2 needs to be close to the metal so it can decrease the sound transfer prior to the insulating coating material. Delta dB V2 can be applied with a dry time window of at least 12 hours prior to application of Delta T Insulating Coating. For colder environments, please allow for 24 hour dry times.

For more details on surface prep, please see our Website: www.mascoat.com

SPRAYING DELTA dB V2 SOUND DAMPENING

Recommended Equipment for Application:

- An airless spray system of at least 1.0 gallons per minute at 3000 PSI. Recommend Graco Bulldog sprayer or equivalent. *Please see our website for a detailed list of acceptable sprayers. Make sure equipment is in tip-top condition prior to spraying. If seals are old or worn, replace prior to spraying Delta dB V2 Sound Coating.
- 50-100' of 3/8" Spray Hose line.
- Reversible nozzle with tip size 317-523. Fan size depends on area to be sprayed.
- Graco CONTRACTOR or SILVER GUN with 3/8" hose swivel
- Respirator or dust mask, paint suit or similar clothing.
- 1/2" drill motor with reverse setting.
- 1/2" sheet rock mud mixing paddle (blade style) or power mixer.
- Hopper or other five-gallon pail
- Access to water
- Soft rags or cloths for cleaning

* If equipment cannot be readily available, please call Mascoat Products. We have the items that are designed for Delta dB V2 Sound Coating application.

Spray application of Delta dB V2 Sound Coating™

Make sure to wear gloves, and use air respirator methods if applying product in small, confined areas. The product is environmentally friendly, but please dispose of container or wash water as per your local guidelines. If you should have any problems or issues, please contact your distributor or Mascoat Products.

1. Open container using removable tear top tab on the bottom of the lid. Using tear tab will make resealing of pail easy. Pry sides open and remove lid.
2. Stirring may be required. Make sure to use ***paint or mud mixing paddle to agitate contents***. Slowly agitate the coating on the reverse drill motor setting. This will ensure that the paddle conforms to the bucket sidewalls and prevent cutting the bucket. Be careful not to splatter contents out of pail. Addition of water is not normal with this product. In some instances water maybe needed to aid flow characteristics. Do not add more than 2 pints (500 ml) to a 5 gallon pail. Adding water will aide in flow and spray ability, but will increase dry time, so only add water if flow and spray ability is a problem.
3. Flush all solvents from sprayer with water. Prime sprayer using only water with either gun removed from line or with orifice nozzle out of the spray

- gun. **Flush 10-15 gallons of fresh water through sprayer to ensure removal of all thinners or foreign debris.**
4. Place pickup nozzle in product pail or hopper and prime product throughout sprayer. Prime without gun or orifice nozzle. When product consistency is thick, stop sprayer and attach gun or orifice nozzle. This may take a moment, as the system will have to bleed until pressure is reduced. Place tip in reversible head, place reversible nozzle on gun and insert tip. (Tip size depends on area sprayed. Common tip size is 519-523.) Product is now ready for application to substrate.
 5. Use sample area to adjust sprayer pressure. It may take a little time to get the pressure just right, so adjust it in slow increments. Product should not finger, and should have a good, solid, fan pattern. With most large pneumatic sprayers, air pressure of 50- 80 PSI is adequate if CFM is consistent. If CFM is reduced, more pressure will be needed. Make sure air delivery is not restricted, and is strong enough to power sprayer.
 6. Spray product onto substrate in a methodical fashion. A light tack coat of 8-15 mils is recommended. Let the coating tack dry to give surface tension. Remember that this is a coating, not paint. It is very important to ensure an even coat throughout substrate. Drying times will be extended with high humidity or if colder conditions exist. Coating may be applied in 30-60-mil layers and no limitations on total dry coating thickness exist. The more coating the better the damping characteristics. Coating should be entirely dry prior to next recoat procedure.
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Brushing Instructions

Directions for Brush Application:

1. Mix product as per regular instructions on pail. Thinning may be needed to promote better application. Thin with no more than 1-2 pints total (1 liter).
2. Prep surface as you normally would with conventional brushing application.
3. Brush product as you would brush most any other paint system. Try to brush in one direction and in methodical fashion. Excessive stroking will only remove product from substrate back to brush. Build up an 8-15 mil (0.25-0.40mm) later and let it dry to touch. This coating should show initial brush strokes. The strokes will disappear as the coating begins to dry. It will self level by itself to some degree.

Rolling Instructions

Directions for Rolling Application:

1. Mix product as per regular instructions on pail. Thinning will be needed for rolling. Make sure to follow the same instructions above for thinning.
2. Put drop cloth and/or tape areas that you desire not to paint.
3. Immerse the roller in water. Squeeze out water to keep roller only damp.
4. Pour the coating onto the substrate in small pours or place contents of coating into roll tray.
5. Roll into the contents of the coating and roll methodically. Coat the surfaces evenly by using plenty of product. If the roller has the "smacking" sound, there is not enough coating on the roller. Remember this is a coating and not a finish paint system. Product thickness is the goal, not aesthetics.

Cleanup

Due to Delta dB V2's water based structure, cleanup is simple. Wash sprayer and all tools with water. Over-spray may be cleaned with water, acetone or MEK. Coat thickness should not exceed 20 mils in any one application. One pass with gun is normally a 5-mil application on flat substrate. In colder atmospheres, initial coating should be no greater than 5-8 mils on verticals. Let product tack up prior to recoat. It is better to do two light coats on verticals than one heavy one.

Warranty

Manufacturer warranties this product with a 5-year limited warranty. For more information, please call 1.713.465.0304.

Delta dB V2 Sound Dampening Coating is a registered trademark of Mascoat Product, USA.