



Mascoat
P R O D U C T S

**Why Paint
And then
Insulate?**

The Industry Leaders in Insulation Coatings

Recommended Equipment for our Coatings

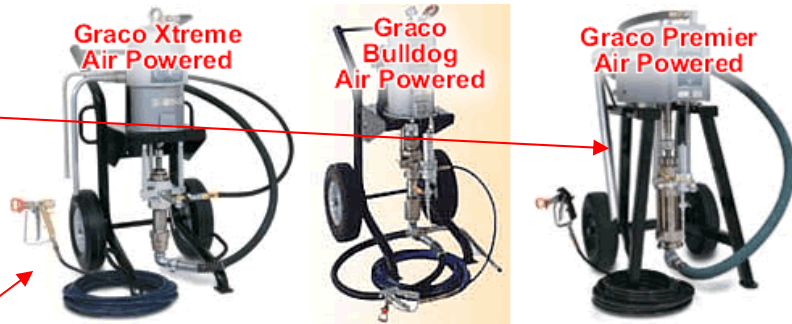
Here is a list of the sprayers and pricing as per our recommendations. These units are priced FOB, Houston TX USA. All sprayer pricing is in kit format to include sprayer, 50' of 3/8" product delivery hose, and Graco Contractor Gun.

Airless Spray Equipment:

Graco Pneumatic Powered Units:

Premier 45:1 This has the largest air pump and give the most flow rate. Excellent for constant use.

Extreme 45:1 This pump has a small air motor for less delivery of product. Good for normal use.



These units take a lot of air to run of approx. 100CFM, 120psi constant, 3/4" to 1.25" air delivery line. Make sure that your air hose feed is at least 3/4" delivery to the unit. 3/8" air hose is not large enough to power the above units efficiently.

Settings for airless: Air level should be set between 60-100 PSI on sprayer. Product valve should be open all of the way. Make sure that air delivery is clear and unobstructed. Air should have a steady flow and not fluctuate on volume of air or air pressure.

Graco Gas Powered:

Gasoline powered sprayers work very well for remote locations and areas where a gas powered motor is tolerated. This sprayer is excellent for rooftops, construction sites, shipyards, homes and areas were air power is either not adequate or not available.

Unit Model: Graco Gmax 5900 or 7900

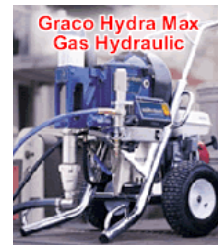


Unit Model: Graco HydraMax Unit

This unit is excellent for remote locations as well but offers more capacity and flow rate. Excellent for rooftops or for areas where long hose lengths are needed.

Unit Model:

- HydraMax 225 Direct Immersion
- HydraMax 225 Siphon
- HydraMax 300 Siphon
- HydraMax 350 Siphon



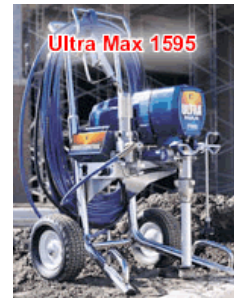
Do not use these sprayers in flammable areas.

Graco Electric Driven:

This is the only pump should for ***small applications only*** as it is on the bottom end of providing the correct amount of pressure and delivery. This is great for samples and demonstrations.

GRACO UMAX 1595 Only

- Gallons per Minute: 1.25 gpm
- Working Pressure: 3300 psi
- Motor: 1.6 HP DC, totally-enclosed, fan-cooled
- Weight: Hi-boy 148 lbs



This pump is excellent for small to midsized jobs only. Do not use any other electric other than this one if you are considering electric.

Recommended Types of Guns

- **Graco Contractor**
- **Graco FTX**
- **Graco XTR**



Mascoat Products recommends using Graco Contractor gun (Pictured Right). We have found that by using this gun with the recommended spray hose setup, good product flow will be achieved. This will insure that product will have little restriction due to the attachment of the swivel base to the nozzle area. Please remember to remove the filter in the base of the Contractor gun prior to application. The Contractor gun also comes with a built in swivel base. This price is for an extra gun. Sprayer prices already have this gun included.

NOT RECOMMENDED: GRACO SILVER GUN

Spray Tips

- Reverse-A-Clean tips (Graco) and RAC Gaurd
- TIP SIZE - Pipes and irregular surfaces: 219-421
- TIP SIZE - Flat areas: 417-525

Mascoat Products recommends using Graco Reverse-A-Clean tips. This will allow easy cleaning of the tip should it become clogged. We have found that each application will dictate what size is best. Large flat applications will allow larger fan and orifice size while small complicated surfaces will require smaller fan and orifice. Large orifice sizes dictate quick movement of gun to insure proper milage.



Air Powered SA Gun Kit

This gun should only be used for areas less than 100 ft² (10m²). It is excellent for spot jobs and when an airless is too much trouble to setup. This gun can be filled with the coating and then sprayed on the substrate. It does however create a somewhat textured surface due to its large orifice. This gun is also excellent for small pipes or tubes.



This gun requires at least 40-80 PSI at 4-5 CFM.

Mixing Paddle

1/2" to 3/4" Variable speed drill with reverse setting

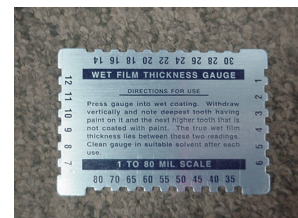
Use a standard mud-mixing paddle commonly found in sheet rock applications. Stir product with paddle slowly on reverse setting to help minimize contamination of bucket. Product will resemble a milkshake like consistency when properly mixed. It is common to see small-unmixed particles even if the product is mixed properly. These particles will be removed in the straining process as detailed below. Normally a stir paddle is shipped with over 50 gallons of coating.



It is very important to use only this style paddle; otherwise the product will not be mixed properly!

Measuring devices

Wet gauges: This is a simple device (usually looks similar to a credit card with notches on the sides) that is used to measure thickness during application. Measurement is taken by pressing the Wet Mil gauge into the coating and reading the corresponding figure that does not have coating on it. This is a good instrument to use when first applying the coating to gauge. These devices



are inexpensive and can be found at most paint supply houses.

Dry Mil Gauges: The instruments range from manual to fully automated and are somewhat expensive. This system will measure the total thickness for all coatings measured from the base substrate. Typically these devices come in versions that measure just Ferrous surfaces up to 80 mils (2.0 mm) and a combination unit that measures Ferrous (Fe for steel) and Non-Ferrous (Non-Fe for aluminum, brass) substrates up to 200 mils.



When measuring, make sure to measure the substrate prior to application of the product. This allows for accurate readings if primer is used or to zero out the gauge prior to application of our insulating coatings. These automatic digital devices are by far the best way to measure our insulating coatings.

Mascoat normally has most of these items in stock and can facilitate you in the equipment needs. Other manufacturers may be acceptable, so make sure to call us if you have any questions.