

RECOMMENDED EQUIPMENT GUIDELINES

The equipment listed can be purchased through Mascoat, as we are a distributor for Graco. All recommendations come from testing and through evaluation of performance in the field. If you have any questions about pricing or other compatible equipment, please contact us.

Airless Spray Equipment

Graco Pneumatic Powered:



Minimum Requirements: 33:1, 100CFM, 120psi constant, 3/4" to 1.25" air delivery line. Air hose feed must be a minimum 3/4" delivery to the unit. 3/8" air hose is not large enough to power the above units efficiently.

Output per cycle: Mascoat recommends that the pneumatic airless sprayer has a minimum 180cc output per cycle. **Optimum output per cycle is 290cc.**

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 other areas where air power is either not adequate or not available.

Unit Model: GMAX II 5900, GMAX II 7900, GH 230, GH 300



Do not use these sprayers in flammable areas.

Graco Electric Units:

This pump should only be used for **smaller applications** as it is on the lower end of providing the correct amount of pressure and delivery. This is great for samples, demonstrations and training sessions.

Unit Model: TexSpray Mark X 240V



Minimum Requirements (Gas & Electric Units): 1.5 gallons per minute product delivery rate, minimum 3000 psi.

Graco Airless Spray Guns:

Graco Contractor Gun
Graco FTx Gun

We have found that these guns meet all specifications necessary for spraying Mascoat's coatings. Remember to remove the filter in the base of the Contractor gun prior to application.



NOT RECOMMENDED: GRACO SILVER GUN

Spray Tips:

RAC X SwitchTip (Blue or Black) and RAC Guard (Blue or Orange)

TIP SIZE: Pipes and irregular surfaces: 215-419

TIP SIZE: Flat areas: 415-525



Mascoat recommends using Graco RAC tips. This will allow easy cleaning of the tip should it become clogged. Each application will dictate which size is best. Large, flat applications will allow for a larger fan and orifice size, while small, complex substrates will require a smaller fan and orifice. Tip sizes ending in 15 can result in less seepage between spray passes.

Hoses:

For the majority of Mascoat applications, it is recommended to only use 3/8" hoses. It may be necessary to use 1/2" for hose lengths over 100 feet. A 1/4" whip hose is permitted, however it may not exceed 3 feet in length.

Air Powered Small Application Gun Kit

This gun should only be used for areas less than 150 ft² (10m²). It is excellent for spot jobs and when an airless sprayer would be excessive. It creates a somewhat textured surface due to its large orifice. This gun is also excellent for small pipes or tubes. This gun requires at least 60-80 PSI at 4-5 CFM minimum.



Mixing Paddle

1/2" to 3/4" chuck, variable speed drill with reverse setting
Use a standard mud-mixing paddle supplied by Mascoat. 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 very important to use only this style paddle; otherwise the product may not be mixed properly.**



Measuring devices

Wet Film Thickness 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 identifying the appropriate notch. 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 (NFe for aluminum, galvanized) 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 the thickness of our insulating coatings.

