

Spray Application of Senershield-R/-RS/-VB

Guidelines on Techniques for Application and Equipment Use Technical Bulletin

INTRODUCTION

SENERSHIELD-R/-RS/-VB are water-based, single component, Silica Fortified Rubber™ products designed for use with most substrates and cladding systems. Senershield Air/Water-Resistive Barrier systems can be applied with many commonly used spray equipment systems, rollers and/or brushes. The information contained within this document is designed to give the applicator a general listing of equipment that has been used successfully with Senershield Air/Water-Resistive Barrier products, and/or is generally recommended by the equipment manufacturer as acceptable. All attempts have been made to ensure the validity of the information contained within this document.

SPRAY EQUIPMENT SELECTION

Due to changes in equipment design and to the maintenance and wear involved with equipment, BASF Corporation does not warrant the information contained within this document. Proper equipment selection and success of the use of such equipment is the responsibility of the applicator. Equipment not listed in this bulletin may also provide acceptable performance. Please consult the equipment manufacturer for their recommendations and application guidelines. Please refer to the individual product technical data guides for additional information and application instructions.

RECOMMENDED SPRAY EQUIPMENT

SENERSHIELD-R/-RS/-VB can be applied with many commonly used spray systems. The systems listed below have been manufacturer approved for use with SENERSHIELD-R/-RS/-VB.

Senershield-R and Senershield-VB

| Model | Gun | Tip | Pressure (psi) | Hose length and ID |
|---------------------------|---------------------|--------------------------|----------------|--------------------|
| Apla-Tech T-Series | Apla-Tech | 2530 pressure washer tip | 60/80 | Max 100', 1/2 inch |
| Graco RTX1500 | Texture Gun | #2 with B disc | 20-80 | Max 100', 3/4 inch |
| Graco HTX-2030 air assist | Trigger Gun | #2 with B disc | 1000 | Max 150', 3/4 inch |
| Graco HTX-2030 airless | HD Blue Texture Gun | 655/665/671 | 1000-3300 | Max 300', 1/2 inch |
| Graco GH833 | Blue Gun | 655/665/671 | 500 - 1100 | Max 300', 1/2 inch |
| Titan Hydra M 4000 | M-8 Mastic Gun | SC-6 Plus 451 | 3100-3500 | Max 300', 1/2 inch |

Senershield-RS

| Model | Gun | Tip | Pressure (psi) | Hose length and ID |
|---------------------------|----------------------------|-------------|----------------|--------------------|
| Graco Ultra Max II 1095 | Contractor/Silver Plus Gun | 525/527/529 | 1800-2200 | Max 100', 3/8 inch |
| Graco Ultra Max II 1595 | Contractor/Silver Plus Gun | 525/527/529 | 1800-2200 | Max 150', 3/8 inch |
| Graco GMAX 5900 | Contractor/Silver Plus Gun | 525/527/529 | 1800-3300 | Max 150', 3/8 inch |
| Graco GMAX 7900 | Contractor/Silver Plus Gun | 525/527/529 | 1800-3300 | Max 150', 3/8 inch |
| Graco TexSpray Mark V | HD Texture Gun (Blue) | 525/527/529 | 1800-2200 | Max 150', 3/8 inch |
| Graco TexSpray Mark X | HD Texture Gun (Blue) | 525/527/529 | 1800-2200 | Max 150', 3/8 inch |
| Graco GH 833 | HD Texture Gun (Blue) | 525/527/529 | 500-1100 | Max 300', 3/8 inch |
| Graco Jet Roller System | - | 525/527/529 | - | - |
| Graco Pressure Roller | - | - | - | - |
| Titan Impact 1040 | Rx-Pro | 525/527/529 | 3000-3300 | Max 100', 3/8 inch |
| Titan Impact 1140 | Rx-Pro | 525/527/529 | 3000-3300 | Max 100', 3/8 inch |
| Titan PowrTwin 6900 | Rx-Pro/LX-80II/S-5 | 525/527/529 | 3000-3600 | Max 150', 3/8 inch |
| Titan PowrTwin 8900 | Rx-Pro/LX-80II/S-5 | 525/527/529 | 3000-3600 | Max 150', 3/8 inch |
| Titan PowrTwin 12000 | Rx-Pro/LX-80II/S-5 | 525/527/529 | 3000-3600 | Max 150', 3/8 inch |
| Titan Hydra M 4000 | S-5 | TRI HP 525 | 3100-3500 | Max 300', 3/8 inch |
| Titan Power Roller System | - | 525/527/529 | - | - |

For best performances, remove filters from pump and gun. If pump filters are used, the minimum filter recommended is 60 mesh. A maximum 3/8" (ID) whip is recommended (airless only).

EQUIPMENT START-UP

Prior to starting up equipment, carefully read and follow the equipment manufacturer's operating and safety instructions and familiarize yourself with equipment features. If using an external air compressor, ensure that it has a capacity and pressure rating that meets the pump manufacturer's specifications. Note: It is important to ensure that all equipment is clean prior to use.

SPRAY APPLICATION

Verify substrate condition before spray application. Applicators should protect all surfaces that are not to be coated. Mask off sensitive areas (such as windows) and clean off any overspray before SENERSHIELD-R/-RS/-VB cures.

EQUIPMENT CLEANUP

Immediately after use and before material has cured, clean equipment with warm water. Follow the spray equipment manufacturer's cleaning recommendations. Cured SENERSHIELD-R/-RS/-VB cures is difficult to remove and may affect subsequent equipment performance.

FOR BEST PERFORMANCE

The greatest productivity gains are realized on large walls that have few areas that must be protected from overspray (e.g. windows). Small, complex walls may be more suited for roller or brush application. Note that the weather plays a role – windy days may be less than ideal for spraying material. Power Roller, Jet Roller, and Pressure Roller systems can increase productivity in these conditions, when spraying is not conducive.

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