

TECHNICAL BULLETIN

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

Guidelines on Techniques for Application and Equipment Use

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 Barriers, 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, Sika 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 air/water-resistive barriers.

Senershield-R and Senershield-VB

MODEL	GUN	TIP	PRESSURE (PSI)	HOSE LENGTH AND ID
Apla-Tech T-Series	Apla-Tech	2530 pressue washer tip	60/80	Max 100', 1/2"
Graco RTX1500	Texture Gun	#2 with B disc	20-80	Max 100', 3/4"
Graco HTX-2030 air assist	Trigger Gun	#2 with B disc	1000	Max 150', 3/4"
Graco HTX-2030 airless	HD Blue Texture Gun	655/665/671	1000 – 3300	Max 300', 1/2"
Graco GH833	Blue Gun	655/665/671	500 – 1100	Max 300' 1/2"
Titan Hydra M 4000	M-8 Mastic Gun	SC-6 Plus 451	3100 – 3500	Max 300', 1/2"

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