Spray Application of Finestop RA / Finestop VB
Guidelines on Techniques for Application and Equipment Use
Technical Bulletin

INTRODUCTION
FINESTOP RA and FINESTOP VB are water-based, single component Silica Fortified Rubber™ products designed for use with most substrates and cladding systems. They can be applied with spray equipment, rollers or paint brushes. This bulletin describes spray application techniques, considerations, and limitations.

THINGS TO CONSIDER WHEN SELECTING SPRAY EQUIPMENT
FINESTOP RA and FINESTOP VB products have a low, easily pumpable viscosity. In addition, these products contain abrasive materials. This combination favors use of low-pressure, high-volume spray equipment. While airless spray equipment can be used, it is important to confirm that equipment selected is designed to handle abrasive materials.

RECOMMENDED SPRAY EQUIPMENT
FINESTOP RA and FINESTOP VB can be applied with many commonly used spray systems. The systems listed below have been manufacturer approved for use with FINESTOP RA and FINESTOP VB.

Graco Incorporated

<table>
<thead>
<tr>
<th>Model</th>
<th>Gun</th>
<th>Tip</th>
<th>Pressure (psi)</th>
<th>Hose length and ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTX1500</td>
<td>Texture Gun</td>
<td>#2 with B disc</td>
<td>20 – 80</td>
<td>Max 100′, ¾ inch</td>
</tr>
<tr>
<td>HTX- 2030 air assist</td>
<td>Trigger Gun</td>
<td>#2 with B disc</td>
<td>1000</td>
<td>Max 150′, ¾ inch</td>
</tr>
<tr>
<td>HTX-2030 airless</td>
<td>HD Blue Texture Gun</td>
<td>655/665/671</td>
<td>1000-3300</td>
<td>Max 300′, ½ inch</td>
</tr>
<tr>
<td>GH833</td>
<td>Blue Gun</td>
<td>655/665/671</td>
<td>500 - 1100</td>
<td>Max 300′, ½ inch</td>
</tr>
</tbody>
</table>

A maximum 3/8” (ID) whip is recommended (airless only). For more information please contact Graco Inc. Technical Support at 844-241-9506 or 844-241-9502.

Titan Tool, Inc.

<table>
<thead>
<tr>
<th>Model</th>
<th>Gun</th>
<th>Tip</th>
<th>Pressure (psi)</th>
<th>Hose length and ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydra M 4000</td>
<td>M-8 Mastic Gun</td>
<td>SC-6 Plus 451</td>
<td>3100-3500</td>
<td>Max 300′, ½ inch</td>
</tr>
</tbody>
</table>

A maximum 3/8” (ID) whip is recommended. For more information please contact Titan Tool, Inc. at 800-526-5362.

Apla-Tech

<table>
<thead>
<tr>
<th>Model</th>
<th>Gun</th>
<th>Tip</th>
<th>Pressure (psi)</th>
<th>Hose length and ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>T-series</td>
<td>Apla-Tech</td>
<td>2530 pressure washer tip</td>
<td>60-80</td>
<td>Max 100′, ½ inch</td>
</tr>
</tbody>
</table>

An external air compressor is required for this pump, with minimum 6.5 cfm @ 90 psi. For more information please contact Apla-Tech, Inc. at 800-827-3721.
Other Spray Equipment
The products described on the previous page have been evaluated by BASF Wall Systems. Please reference equipment manufacturer recommendations when using and maintaining spray equipment. Equipment not evaluated by BASF Wall Systems may also provide acceptable performance. Please consult the equipment manufacturer for their recommendations and application guidelines.

PREPARING FINESTOP RA and FINESTOP VB FOR SPRAY APPLICATION
FINESTOP RA and FINESTOP VB is suitable for spray application right out of the pail. Dilution is not recommended. To prepare FINESTOP RA and FINESTOP VB for use, thoroughly mix using a drill mixer, completely homogenizing FINESTOP RA and FINESTOP VB.

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.

Select a test area and begin to spray. Air pressure directly affects the spray pattern; an adjustment will probably be needed. Set the air pressure so that the gun provides a clean spray pattern about 16 inches wide at the point of contact with the substrate when sprayed from a distance of 18 to 24 inches.

SPRAY APPLICATION OF FINESTOP RA and FINESTOP VB ON FRAMED CONSTRUCTION
Applicators should protect all surfaces that are not to be coated. Mask off sensitive areas (such as windows) and clean off any overspray before FINESTOP RA and FINESTOP VB hardens. Verify substrate condition before spray application.

The first areas to spray are corners and sheathing joints, where 4", 6" or 9" SHEATHING FABRIC must be embedded in FINESTOP RA and FINESTOP VB. Precut the 4", 6" or 9" SHEATHING FABRIC to convenient lengths before spraying.

To apply FINESTOP RA and FINESTOP VB to corners and sheathing joints, turn the air pressure down slightly to narrow the spray pattern. This will also reduce the amount of FINESTOP RA and FINESTOP VB flowing through the spray gun. Next, direct the spray gun at a corner or sheathing joint, holding the gun at as close to a 90° angle to the substrate as possible, about 18 to 24 inches away from the wall. Spray FINESTOP RA and FINESTOP VB in the target areas around corners and joints that require SHEATHING FABRIC.

Immediately embed precut 4", 6" or 9" SHEATHING FABRIC into the wet FINESTOP RA and FINESTOP VB. If using a new 3/4" nap roller, pre-wet it with water; spin out the excess water. Then saturate the SHEATHING
FABRIC with FINESTOP RA and FINESTOP VB. Roll the 4", 6", or 9"
SHEATHING FABRIC outward toward its edges. Never roll in the reverse
direction (i.e., back and forth); this could cause the fabric to spool onto
your paint roller. Ensure that all SHEATHING FABRIC lays flat against the
sheathing, without blisters, bubbles or fish mouths. Optionally, a trowel
can be used to embed SHEATHING FABRIC into the wet FINESTOP RA and
FINESTOP VB.

Spot all fasteners in the field of the sheathing with FINESTOP RA and
FINESTOP VB. Once SHEATHING FABRIC is installed, you can readjust the
pump pressure and begin to spray the wall. Wet-on-wet spray application
of FINESTOP RA and FINESTOP VB on top of SHEATHING FABRIC joints
and corners is acceptable.

When spraying, continue to keep the spray gun as close to a 90° angle to
the substrate as possible, ensuring full coverage of the sheathing.

Overlap spray patterns to ensure uniform coverage, free from pinholes. Spray
FINESTOP RA to a minimum 10-mil wet film thickness, (20-mil wet film
thickness on wood substrates) spray FINESTOP VB to a minimum 26-mil wet
film thickness. Verify thickness using a wet-film mil gauge.

SPRAY APPLICATION OF FINESTOP RA and FINESTOP VB
ON MASONRY SUBSTRATES
Verify the substrate condition before spray application. Applicators
should protect all surfaces that are not to be coated. Clean off any
overspray before FINESTOP RA and FINESTOP VB hardens.

SPRAY EQUIPMENT CLEANUP
Follow the spray equipment manufacturer’s cleaning recommendations.
It is important to clean spray equipment after use; cured FINESTOP RA and
FINESTOP VB is difficult to remove and will affect subsequent equipment
performance.

LIMITATIONS
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.

TECHNICAL INFORMATION
Consult the BASF Technical Services Department for specific
recommendations concerning all other applications. Consult the Wall
Systems website, www.finestone.basf.com, for additional information
about products and systems and for updated literature.
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