

## Table of Contents

SECTION A: New Construction Applications

SECTION B: Additional application steps for Renovations

SECTION C: Appendices

- A). Masking and Bagging Information
- B). Clean Up
- C). Inspection Process
- D). Precautions

### **SECTION A: Application Procedure for New Construction:**

It is assumed that all wall surfaces have been made PAINT READY prior to the installation of Viela. The Viela installer should conduct a thorough inspection of all areas to be coated before starting work. If wall surfaces are unsatisfactory, preparation incomplete, or areas obstructed, it is best to deal with these inadequacies and arrange for a cure before proceeding.

#### Equipment Checklist:

The Viela finish is smooth as marble and you will need a selection of mint condition stainless steel trowels in 1", 6", 8" and 10" depending on the surface areas you will be dealing with. The trowel edges need to be slightly beveled to minimize edge marks as you are applying the material. Use a stainless steel hawk.

#### Surface & Area Preparation:

Wall surfaces and adjoining areas should be dry, free of dust, dirt, grease and any other contaminants that could interfere with the bonding characteristics, installation procedure, or aesthetic qualities of the Viela system. All wall substrates should be prepared to a level 5 finish for sheetrock or equivalent for other substrates. This is the same finish requirement that would be used to finish with gloss paints. All surfaces must be free of dust before priming.

#### Masking & Bagging:

Protect all areas and surfaces not to be coated using the 3M or an equivalent masking system. Surfaces to be masked should be sound, clean, and free of contaminants. Be sure that any surfaces such as doorframes, etc. that may have been painted prior to the Viela installation, are adequately cured before masking. See appendices for additional information.

#### Stain Block Primer Coat:

The stain block Primer Coat should be applied at a rate of 250 square feet per gallon using a 3/8" nap roller or an airless with a 517 spray tip. Allow to thoroughly dry. Lightly sand the primer coat with 120 grit paper to remove any spurs or rough spots.

#### Viela Application:

The Viela finish is a multiple coat (generally 4) application. All the material comes pre tinted. The Viela finish is applied at a combined rate of about 50 SF per gallon. The first coat is applied at a rate of about 100 SF per gallon and can be applied to a larger square footage area than the second and subsequent coats that are applied thinner, dry faster and have a shorter working time window. All Viela coats are applied with the hawk and trowel using a half moon type of pattern to the application. Keep the trowel angle low against the substrate. Apply the material evenly to completely cover and hide the substrate. The first coat will take approximately 6 to 8 hours to dry. After the first coat has dried, lightly sand (200 to 300 grit paper) any high trowel ridges. Remove any sanding dust from the substrate.

Apply the second coat of Viela to a smaller area that you can cover in less than one hour as the material is applied at a rate of 200 sf/g and dries in one to two hours. Use the same trowel techniques used in the first coat but apply additional pressure in order to spread the material thinner.

Apply the third coat to an even smaller area since you will be applying the material at a rate of 330 sf/g and the material will dry in less than one hour. Because the third coat is applied thinner you will need to

use increasing trowel pressure to spread the material.

Apply the fourth coat to an even smaller area since the material will be applied at the rate of 500 sf/g and will dry in less than 1/2 hour. Again you will need to use increasing trowel pressure to spread the material thinly.

After the fourth coat has dried for a few hours, use a clean trowel with extra pressure to burnish the material and create sheen highlights.

#### Wax Application:

Apply the wax thinly to the dried Viela finish using the same trowel and techniques that were used for the Viela material. Use trowel pressure to work the wax into the finish and after it has dried, buff with a lint free soft clean cloth to create extra sheen and protection.

### **SECTION B: Additional Application steps for Renovation:**

If you are dealing with old substrates or if you have removed wallpaper, walls should be examined to determine the presence of mildew, wallpaper paste, rust or other stains. If mildew is present, walls need to be treated with bleach treatment. The bleach treatment should be done before making wall repairs because quite often, bad areas that might go unnoticed will show up after bleaching.

#### Bleach Treatment:

Using a garden type sprayer and a solution of bleach and warm water (one-cup bleach per gallon of water), wet out the walls and allow to dry. Immediately after spraying of bleach solution, scrub the molded & discolored areas with a scrub brush on a pole. Scrubbing should break up remaining mildew areas. All of the stains will not go away, but scrubbing and wetting out with bleach will kill any remaining live spores. Additional spraying of bleach solution and scrubbing of stubborn areas may be necessary. Allow to thoroughly dry.

#### Paste Removal:

Excess wallpaper paste must be removed by wetting out the paste with warm water and scraping. A normal amount of wallpaper paste residue can stay, as it will wet out, emulsify, and lock down when the Primer Coat is applied.

#### Rust Block:

Check all corner beads or exposed nail and screw heads for signs of rust and use a high quality, stain blocking metal primer (RUST-OLEUM No. 769) on these and other areas that are likely to produce rust in the future. Treat exposed rusty metal with Ospho prior to applying metal primer and patching with plaster. Extremely rusted corner beads should be removed and replaced with plastic corner beads.

#### Styrene Acrylic (SA) Primer Coat:

The SA primer Coat should be applied thinly at 600 square feet per gallon using a 513-spray tip. To wet out and emulsify a moderate amount of wallpaper paste the SA Primer Coat may be thinned 50% with water and applied at 300 square feet per gallon. See PASTE REMOVAL above. Allow to thoroughly dry.

#### Wall Repairs:

Repair or replace damaged, unsound, wet, or rotted drywall. Cut away and/or remove any loose or delaminated wallboard paper. Patch and finish to a level 5 finish for sheetrock or equivalent for other substrates. Large voids, gaps or cuts need to be patched and/or taped and mudded. Caulk where required to achieve an even & clean line in corners and at window, doorframe, and equipment junctions. Conduct wall repairs after applying styrene acrylic (SA) primer.

#### Moisture Damage:

Previous moisture problems may cause the wallboard paper to blister or separate from the wallboard in places. Mild blistering may not require cutting out and repairing as the paper may shrink down and bond when the Primer Coat dries. If blistering persists, these areas must be cut out, repaired and primed again before proceeding. Allow to thoroughly dry. Do not proceed with Viela installation on areas that remain wet.

#### Stain Block:

Apply Stain Blocker Primer at 250 square feet per gallon using a 3/8" nap roller or an airless with a 517 spray tip. Allow to thoroughly dry. Stain Block Primer applied over walls that have been patched & repaired will reduce flashing. Lightly sand the primer coat with 120 grit paper to remove any spurs or rough spots.

### **SECTION C: Appendices**

#### **Appendix A: Hints for Masking and Bagging the Room:**

The room is assumed to be paint ready and furniture, fixtures, and equipment free (FF&E). Check different areas in each of the rooms for moisture levels. Make note of which areas are checked and the moisture readings obtained at each location. Do not continue if any moisture readings are in excess of the safe limit for the substrate being tested. If you believe you may have a moisture problem, stop and correct the problem before proceeding.

The return air conditioning, or hot air heat system should be turned off or blocked before masking.

The carpet if any should be covered with polyethylene with at least 3" overlap and duct tape applied at the seams.

Dust off or wipe areas to be masked to assure masking tape sticks to the substrate.

All heating and a/c vents should be masked, vent covers should be removed, and thermostat should be adjusted and masked.

Sprinkler heads and smoke alarms should be masked with paper or film at base and then use an appropriate sized Styrofoam cup to cover the sensor. Check with building personnel to determine whether the procedure followed meets operating codes.

All switch plate and outlet covers should be removed and placed in room hardware bag.

All switches and outlets should be masked.

All windows, wooden trim, doors, and doorframes should be masked.

All hallways and high traffic areas should be covered with rosin paper runners.

A clean area should be defined near the elevator allowing personnel to remove shoes or apply clean footwear before entering the elevator and other areas of the hotel.

Masking the doors, windows, shower units, a/c unit, mirrors or other common sized objects encountered in each room should be done using pre cut pieces if possible. Glue sticks are quite useful to tack the poly material to the area being masked, and then follow up with tape.

If the doorstops have been removed, a temporary one should be rigged to prevent wall damage.

Be sure that any surfaces such as doorframes, etc., that may have been painted are adequately cured.

#### **Appendix B: Clean Up**

All tools and equipment used in the application of Viela products can be cleaned with warm soapy water.

After the final coat and the wax has dried and the room has been inspected. The room should be cleaned up as follows.

All tape should be removed from the walls, windows, outlets, switches, and doors. Care should be taken, as the Viela finish can be peeled away from the wall in areas if tape is removed hastily. When in doubt use a razor utility knife with a fresh blade to cut the tapeline to get a clean edge. All used painting supply material, except containers, should be removed from the room and placed in the facility's dumpster. All polyethylene should be removed from the floor unless the property owner wishes it to stay.

### **Appendix C: The Inspection Process**

The room should be inspected at the inception of the job to determine if the area is in a paint ready condition.

Moisture readings are crucial since applying Viela over moist walls will result in an unacceptable job. Work must not begin if moisture readings are in excess of safe readings based on the wall substrate.

Additional inspections should occur after the room is masked and bagged.

Further inspections are necessary after the primer is applied. Look for raised drywall face, non-dry spots, and recheck moisture readings.

Additional inspection should take place after each coat is applied.

A final sign off inspection should occur after the room is cleaned.

Please contact TM Pratt & Company for any questions on these instructions.

### **Appendix D: Precautions**

#### **CAUTION**

Use with adequate ventilation. Do not ingest. Avoid prolonged contact with the skin. Wash immediately after use and before smoking or eating. Avoid breathing vapors or mist. In case of eye contact, flush eyes immediately with water and continue for at least 15 minutes and consult a physician. In case of ingestion, do not induce vomiting; drink one or 2 glasses of water to dilute. Seek immediate medical attention. If affected by inhalation, leave the area for a location with fresh air; administer oxygen if necessary, and seek immediate medical attention

KEEP FROM FREEZING. KEEP CONTAINER OUT OF REACH OF CHILDREN. Close container after each use. Do not transfer contents to another container for storage.

#### **CAUTION**

Contains Crystalline Silica. Use only with adequate ventilation. Avoid contact and breathing of vapors and spray mist. Local exhaust is preferable. If in a confined area use mechanical ventilation. If ventilation is inadequate, use an organic/vapor particulate respirator approved by NIOSH/MSHA for spray mist vapors. When sanding the dried paint film use a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated. This product contains crystalline silica, which is considered a health hazard if inhaled, which can result in silicosis.

#### **LIMITED WARRANTY**

In lieu of all other warranties or guaranties, express or implied by contract or law, Manufacturers liability is hereby limited to replacement of such quantities of this material if found to be defective upon inspection by it. Manufacturer shall not be liable for any representations, warranties (express or implied) made by any of its agents, representatives or employees or by any applicator regarding the product contained herein. In no case will manufacturer reimburse for extra labor cost or be responsible for damage or replacement of substrates to which this product is applied.