Infinity Effects Spray Granite– Standard Wall Preparation & Application Guide (Permeable) (System 1)

Type: Water-Based Single Pack Permeable Wall Coating System
Warranty: ✅ Yes – Warrantied when installed by an Infinity Certified Installer
Purpose: Designed for standard residential, commercial, and exterior walls requiring durability, aesthetic enhancement, weather resistance, and a modern decorative Spray Granite finish. Suitable for concrete, plaster, render, cement board, gypsum board, MR board, and previously painted substrates.

Materials You'll Need

- Power washer (for exterior walls)
- Clean cloths or rags
- Sandpaper (120–220 grit)
- Dust mask and safety goggles
- Painter's tape
- Plastic sheeting or drop cloths
- Recommended HVLP unit or spray gun
- **Infinity Effects White Alkali Resistant Primer**
- **Hydro Paint**
- **Infinity Effects Spray Granite**
- **Infinity Effects PU Topcoat**
- Deionized water
- Appropriate mixing tools
- Roller or brush

Additional Equipment (Optional):

- Spray shield
- Spray tent/booth

Step-by-Step Application Guide

Step 1. Clean the Area

Use detergent and water for internal walls.
Use a power washer for exterior walls.
Remove dirt, grease, stains, oils, and all contaminants.

Step 2. Repair Any Damage

Fill cracks, holes, and imperfections with filler or polymer cement mortar.
Sand flush once dry.

Step 3. Remove Loose Paint or Flaking Areas

Strip loose or failing paint.
Feather edges smoothly using sandpaper.
Ensure new walls are clean and free from debris, oil, or construction residue.

Step 4. Sand the Surface (If Necessary)

Lightly sand with 120–220 grit to create a mechanical profile.
Wipe away dust.

Step 5. Clean Sanding Residue

Vacuum or wipe with a damp cloth.
Ensure the surface is completely dry.

Step 6. Check Moisture & pH Levels

Confirm values are:
• Moisture: **<10%**
• pH: **<10**

If pH is high, correct using oxalic acid or dilute hydrochloric acid.

Step 7. Tape & Protect

Mask edges, windows, fixtures, trims, and flooring.
Use drop cloths to protect surrounding areas.

Step 8. Apply Infinity Effects White Alkali Resistant Primer V2

WHITE ALKALI RESISTANT PRIMER SPRAY SETTINGS

• Pressure: 2 Bar

• Nozzle Size: 1.4mm–2.0mm

• Additives: Up to 10% DI Water (if required)

Apply via sprayer, roller, or brush.
Recommended for:
• Poor condition surfaces
• pH-sensitive substrates
• Paint type transitions
Ensure temperature is **above 5°C / 41°F**.

Step 9. Allow Primer to Dry

Follow manufacturer drying times before continuing.

Step 10. Apply Hydro Paint V2

HYDRO PAINT SPRAY SETTINGS

• Pressure: 2 Bar

• Nozzle Size: 1.4mm–2.0mm

• Additives: Up to 10% DI Water (if needed)

Apply evenly using sprayer, roller, or brush.

Purpose:
• Prevents spot staining
• Improves surface uniformity
• Enhances weather resistance
• Creates waterproof base layer

Apply only above **5°C / 41°F**.

Step 11. Allow Hydro Paint V2 to Dry

Dry per manufacturer recommendations.

Step 13. Mix Infinity Effects Spray Stone V2

Mix to maintain stone distribution.
Add DI water only if required.

Step 14. Apply Infinity Effects Spray Stone V2

SPRAY Stone V2 SPRAY SETTINGS

- Pressure: 3 Bar
- Nozzle: 4mm–8mm
- Additives: 5–10% DI Water (if required)

Use Hopper Spray Unit for best texture control.
Apply evenly across small sections.
Avoid spraying too long in one spot.

Step 15. Allow Proper Curing

Allow Spray Stone V2 to cure fully before sanding or sealing.

Step 15. Sand Flat (Optional)

For a refined finish, lightly sand with 220–400 grit.
Do not sand through the coating.

Step 16. Apply Infinity Effects PU Topcoat V2

PU TOPCOAT V2 SPRAY SETTINGS

- Pressure: 2 Bar
- Nozzle Size: 1.4mm–2.0mm
- Additives: Up to 10% DI Water (if required)

Apply with roller or sprayer for a sealed, durable finish.
Maintain temperatures above **5°C / 41°F**.

Step 17. Apply Additional PU Topcoat V2 Coats (Optional)

Add extra coats for added durability or sheen.
Allow proper drying between coats.

Step 18. Final Inspection

Check for:
- Uniform texture
- Smoothness
- Coating coverage
- No visible defects

Important Tips

- Follow all safety instructions and PPE guidelines.
- Ensure proper pH and moisture readings before starting.
- Clean tools after use.
- Perform a test patch if unsure of substrate compatibility.
- Keep all materials above **5°C / 41°F** during application.
- Maintain substrate flatness before coating.

Problems & How to Avoid Them

- **Do not apply below 5°C / 41°F** — prevents slow curing or running.
- **Do not over-stir Spray Granite** — disrupts texture consistency.
- **Allow Spray Granite™ to fully dry before topcoat** — prevents whitening issues.
- **Use crack-resistant mortars where required** — improves long-term performance.
- **Avoid aftermarket primers/paints** — use Infinity Effects Primer + Hydro Paint for best adhesion.

DISCLAIMER

Customers are advised to thoroughly read and adhere to all instructions to ensure optimal finish and product performance. All information provided is based on experience and laboratory testing and is believed to be accurate; however, Infinity Effects cannot accept liability for loss, damage, or failure caused by misuse, improper application, or conditions outside our control. Any deviation from these guidelines may affect the coating's performance. Users must conduct their own tests to confirm substrate compatibility and suitability. Shade variations may occur

between batches.
If unsure about substrate compatibility, conduct a small test patch before full application.

