

Application Guide for Infinity Effects Spray Granite Wall's ArmourGuard (Non-Permeable) (System 2)

ArmourGuard Build-Up Wall System

Type: Water-Based Decorative Wall Coating System

Warranty: Yes – Warrantied when installed by an Infinity Certified Installer

Purpose: Designed for interior and exterior walls requiring durability, high adhesion, weather resistance, and a premium decorative Spray Granite finish. Suitable for concrete, render, plaster, cement board, MR board, and previously painted substrates.

Materials You'll Need

- Power washer (for exterior walls)
- Clean cloths or rags
- Sandpaper (120–220 grit)
- Painter's tape
- Plastic sheeting or drop cloths
- Dust mask & safety goggles
- Recommended HVLP Spray Unit or Gun
- **Fusion Adhesion Promotor** (optional)
- **ArmourGuard Pigmentable V2**
- **Infinity Effects Spray Granite V2**
- **ArmourGuard V2** (clear topcoat) (Gloss, Satin, Matte)
- Deionized water
- Roller or brush
- Mixing tools

Additional Equipment (Optional)

- Spray shield
- Spray tent / booth

Step-by-Step Application Guide

Step 1. Clean the Area



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

Step 2. Repair Any Damage

Fill cracks, holes, and imperfections.
Sand smooth once fully dry.

Step 3. Remove Loose Paint or Flaking

Strip loose or failing paint.
Feather edges smoothly using sandpaper.
Ensure new walls are free from construction residue.

Step 4. Sand the Surface

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

Step 5. Clean Sanding Residue

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

Step 6. Check Moisture & pH Levels

Confirm:

- Moisture: <10%
- pH: <10

Neutralize excessive alkalinity if required.

Step 7. Tape & Protect

Mask trims, windows, fixtures, and surrounding areas.
Cover floors with drop cloths or plastic sheeting.



Step 9. Mix ArmourGuard V2 Pigmentable

Follow manufacturer instructions.
Ensure uniform pigment dispersion.

Step 10. Apply ArmourGuard V2 Pigmentable

ARMOURGUARD V2 PIGMENTABLE SPRAY SETTINGS

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

Apply with roller, brush, or sprayer.
Work systematically from one corner outward.

Step 11. Apply Additional Coats (Optional)

Add coats to achieve desired build.
Allow each coat to fully dry.

Step 12. Allow Proper Curing

Allow ArmourGuard V2 Pigmentable to cure per manufacturer guidelines.

Step 13. Mix Infinity Effects Spray Granite V2

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

Step 14. Apply Infinity Effects Spray Granite V2

SPRAY GRANITE V2 SPRAY SETTINGS

- Pressure: 2 Bar
 - Nozzle: 1.8mm–2.5mm
 - Additives: 5–10% DI Water (if required)
-



Use HVLP 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 Granite V2 to cure fully before sanding or sealing.

Step 16. Sand Flat (Optional)

Lightly sand with 220–400 grit for a refined finish.
Do not sand through the granite layer.

Step 17. Mix ArmourGuard V2

Prepare according to manufacturer instructions.

Step 18. Apply ArmourGuard V2 (Clear Topcoat)

ARMOURGUARD V2 SPRAY SETTINGS

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

Apply evenly with sprayer or roller.
Enhances durability, stain resistance, and UV stability.

Step 19. Final Inspection

Check for:

- Consistent texture
 - Smoothness
 - Adequate coverage
 - No defects or missed areas
-

Important Tips



- Always use PPE and ensure ventilation.
 - Confirm pH and moisture values before coating.
 - Clean tools immediately after use.
 - Perform a test patch if unsure about substrate compatibility.
 - Only apply coatings above **5°C / 41°F**.
 - Ensure surface flatness meets the required standard before coating.
-

Problems & How to Avoid Them

- **Do not apply below 5°C / 41°F** — causes sagging and slow curing.
 - **Do not over-stir Spray Granite™** — disrupts the stone matrix.
 - **Allow Spray Granite™ to dry fully before topcoating** — avoids whitening.
 - **Use crack-resistant mortars where necessary** — improves long-term durability.
 - **Avoid aftermarket primers/paints** — always use Infinity Effects products for system integrity.
-

DISCLAIMER

Customers must read and follow all instructions to ensure optimal performance. Information is based on testing and experience but cannot account for all conditions. Infinity Effects accepts no liability for incorrect application, misuse, or substrate issues outside of our control.

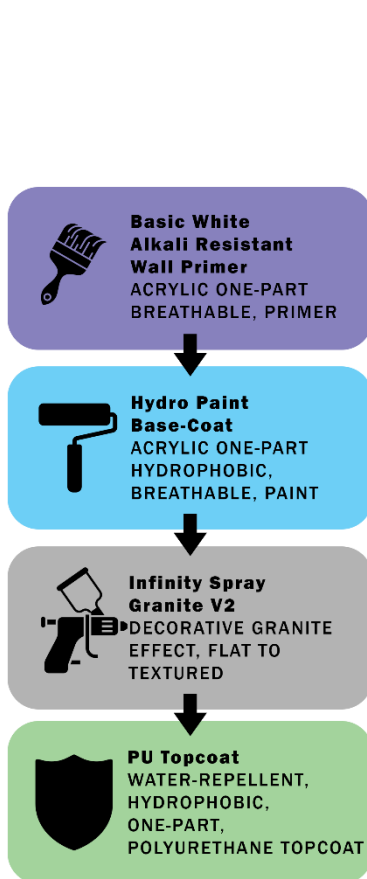
Shade variation may occur between batches.

Always perform a compatibility test patch before full application.



INFINITY SPRAY GRANITE WALL SYSTEM'S

SYSTEM 1
(WARRANTY)
SPRAY GRANITE
LIGHT-TRAFFIC
BASIC WALL SYSTEM
(WATER-BASED SYSTEM)
(PERMEABLE)



SYSTEM 2
(WARRANTY)
SPRAY GRANITE
MEDIUM-TRAFFIC
WALL SYSTEM
(WATER-BASED SYSTEM)
(NON-PERMEABLE)



SYSTEM 3
(WARRANTY)
SPRAY GRANITE
HEAVY-TRAFFIC
WALL SYSTEM
(HYBRID RESIN SYSTEM)
(NON-PERMEABLE)

