INFINITY EFFECTS

SURFACES FOR A BETTER TOMORROW

INNOVATION | DURABILITY | AESTHETICS | SUSTAINABILITY

# SPRAY GRANITE V2

## WETROOM, BATHROOM & EXTERIOR WALL SYSTEM

### NON-PERMEABLE SYSTEM 3

HYBRID RESIN-BASED



## PROFESSIONAL INSTALLATION GUIDE

PREPARE | PRIME | BASE COAT | SPRAY GRANITE | PROTECT | CURE

A professional multi-layer hybrid resin-based decorative wall system designed for correctly prepared wetroom, bathroom, shower and exterior wall substrates requiring durability, hygiene and a seamless decorative granite-effect finish.

## RECOMMENDED SYSTEM

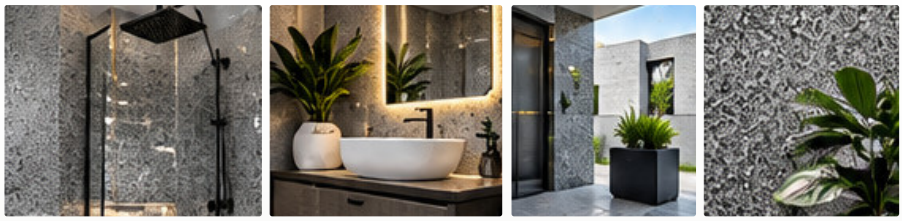
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 |
|---|---|---|---|---|---|---|---|
| PREPARED WALL SUBSTRATE | FUSION ADHESION PROMOTER V2 | R.S. PRIMER | R.S.P POLY BASE COAT | INFINITY SPRAY GRANITE V2 | R.S.P TOPCOAT | R.S URETHANE WATER-BASED TOPCOAT | FULL CURE & INSPECTION |
| | OPTIONAL | OPTIONAL / RECOMMENDED | MANDATORY | MANDATORY | MANDATORY | OPTIONAL | |

## SYSTEM BENEFITS

- HIGH ADHESION
- NON-PERMEABLE SYSTEM
- WET-AREA SUITABILITY
- DECORATIVE GRANITE EFFECT
- DURABLE RESIN BUILD
- STAIN RESISTANCE
- SEAMLESS FINISH

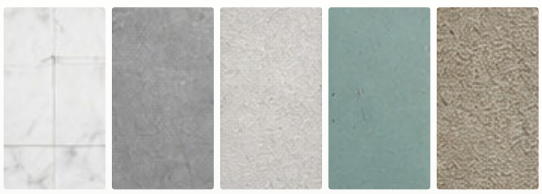
## DESIGNED FOR

WETROOMS | BATHROOMS | SHOWER WALLS | EXTERIOR WALLS | DECORATIVE WET AREAS



## SUITABLE SUBSTRATES

TILE | CEMENT BOARD | PLASTER
MR BOARD | OTHER STABLE WALL SUBSTRATES



WARRANTY

WARRANTIED WHEN INSTALLED BY AN INFINITY CERTIFIED INSTALLER



## SYSTEM OVERVIEW

# SPRAY GRANITE V2

### WETROOM WALL SYSTEM 3

**HYBRID RESIN-BASED NON-PERMEABLE WALL SYSTEM**



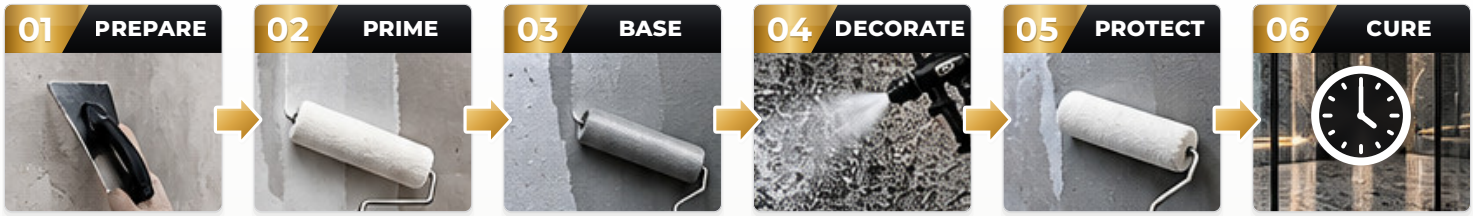
Infinity Effects Spray Granite V2 System 3 combines substrate preparation, optional adhesion promotion and blocking primer, a resin base coat, decorative Spray Granite V2 and protective resin topcoats.

The system is classified as:

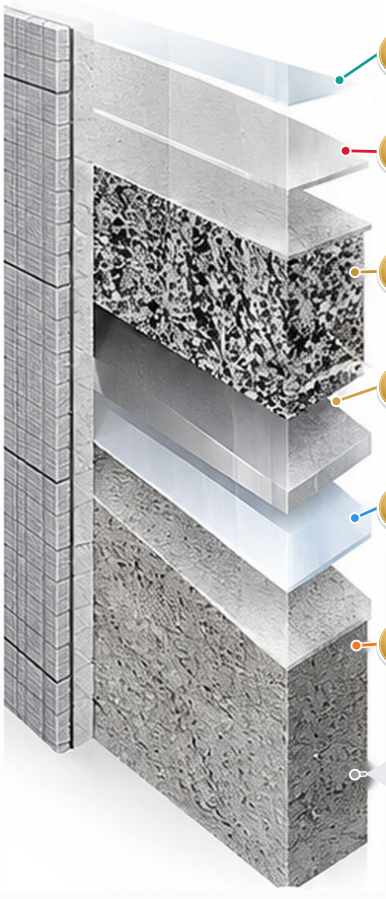
**HYBRID RESIN-BASED WALL COATING SYSTEM**

and is intended for correctly prepared wall substrates in wetroom, bathroom, shower and exterior applications.

## SYSTEM PROCESS




## COMPLETE BUILD-UP



06 OPTIONAL FINAL FINISH
**R.S URETHANE WATER-BASED TOPCOAT**

05 MANDATORY PROTECTIVE LAYER
**R.S.P TOPCOAT**

04 DECORATIVE FINISH
**INFINITY SPRAY GRANITE V2**

03 RESIN FOUNDATION
**R.S.P POLY BASE COAT**

02 OPTIONAL / RECOMMENDED PRIMER
**R.S. PRIMER**

01 OPTIONAL ADHESION PROMOTION
**FUSION ADHESION PROMOTER V2**

CORRECTLY PREPARED WALL SUBSTRATE

## FUNCTION OF EACH LAYER




**R.S URETHANE WATER-BASED TOPCOAT**

OPTIONAL

Optional final finish for additional durability and sheen control.




**R.S.P TOPCOAT**

MANDATORY

Provides the primary protective resin finish.




**INFINITY SPRAY GRANITE V2**

Creates the decorative granite-effect appearance.




**R.S.P POLY BASE COAT**

MANDATORY

Creates the continuous resin foundation beneath Spray Granite V2.




**R.S. PRIMER**

OPTIONAL / RECOMMENDED

Optional but recommended primer to block stains and discolouration, improve adhesion and create a more uniform background.




**FUSION ADHESION PROMOTER V2**

OPTIONAL

Optional adhesion-promoting treatment for MR board and other difficult substrates.



## MATERIALS, TOOLS & SITE SETUP

# SPRAY GRANITE v2

### WETROOM WALL SYSTEM 3

### PREPARE BEFORE INSTALLATION

Correct organisation helps maintain consistent preparation, application, appearance and performance.



**PREPARE**
ORGANISE MATERIALS AND EQUIPMENT

**PROTECT**
PROTECT SURFACES AND WORK AREA

**CONTROL**
MAINTAIN A CLEAN, SAFE AND CONTROLLED ENVIRONMENT

## SYSTEM MATERIALS




**FUSION ADHESION PROMOTER V2**
OPTIONAL




**R.S. PRIMER**
OPTIONAL / RECOMMENDED




**R.S.P POLY BASE COAT**
MANDATORY




**INFINITY SPRAY GRANITE V2**




**R.S.P TOPCOAT**
MANDATORY




**R.S URETHANE WATER-BASED TOPCOAT**
OPTIONAL




**DEIONISED WATER**




**INFINITY SPRAY ASSIST**
WHERE SPECIFIED

## APPLICATION EQUIPMENT



**HVLP SPRAY UNIT / SPRAY GUN**



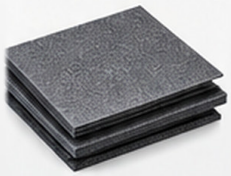
**ROLLER / BRUSH**



**MIXING EQUIPMENT**



**120 – 220 GRIT ABRASIVE**



**220 – 400 GRIT ABRASIVE**



**CLEAN CLOTHS / RAGS**



**PAINTER'S TAPE**



**PROTECTIVE SHEETING / DROP CLOTHS**

**FOR EXTERIOR WALLS**

PROVIDE A SUITABLE
**POWER WASHER**

## SITE SETUP

**Before beginning:**

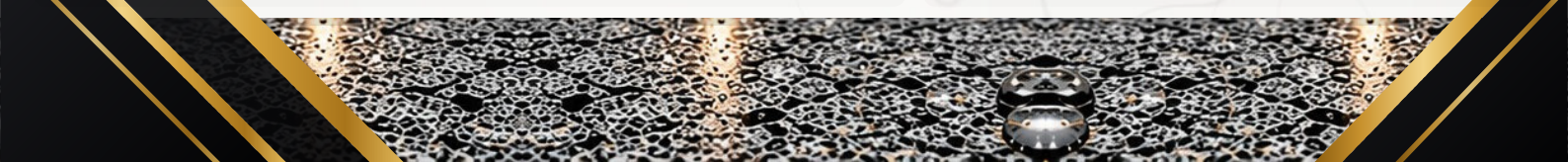
- Clear the working area
- Protect adjoining surfaces
- Establish adequate ventilation
- Prepare a clean mixing area
- Inspect spray equipment
- Confirm suitable lighting
- Organise products in application order
- Establish safe access to the entire wall

## HEALTH & SAFETY

Wear suitable:

**GLOVES** | **EYE PROTECTION** | **RESPIRATORY PROTECTION** | **PROTECTIVE CLOTHING**

Ensure adequate ventilation during application.
Keep ignition sources away from the work area.
Follow the latest Safety Data Sheets (SDS) for all products.



STAGE 1

# PREPARE THE WALL SUBSTRATE

## CREATE A CLEAN, SOUND & STABLE FOUNDATION

Correct substrate preparation is critical to the complete system.



**INSPECT**
ASSESS THE SUBSTRATE AND IDENTIFY ISSUES

**REPAIR**
REPAIR DAMAGE AND IMPERFECTIONS

**PREPARE**
CLEAN, KEY AND ENSURE A STABLE FOUNDATION

## 01 CLEAN

REMOVE ALL CONTAMINATION

### FOR INTERNAL WALLS

CLEAN USING MILD DETERGENT & SPONGE



### FOR EXTERIOR WALLS

POWER WASH WHERE APPROPRIATE



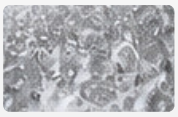
### REMOVE:



DIRT



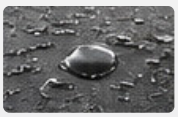
GRIME



SOAP SCUM



ALGAE



OILS



CONTAMINATION

## 02 REPAIR

REPAIR DAMAGE & IMPERFECTIONS

### REPAIR:

CRACKS | SMALL GAPS | HOLES | IMPERFECTIONS







### SUITABLE REPAIR MATERIALS:



SPACKLING COMPOUND



WALL FILLER



POLYMER CEMENT MORTAR

Allow repairs to dry before sanding smooth.

## 03 REMOVE UNSOUND COATINGS

CREATE A SOUND SURFACE

### REMOVE:

FLAKING PAINT | LOOSE PAINT | UNSOUND PREVIOUS COATINGS





### FEATHER EDGES

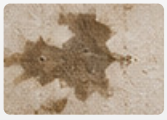
Feather sound coating edges using suitable abrasive paper.



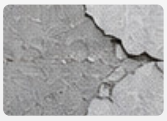
### NEW WALLS MUST BE FREE FROM:



DUST



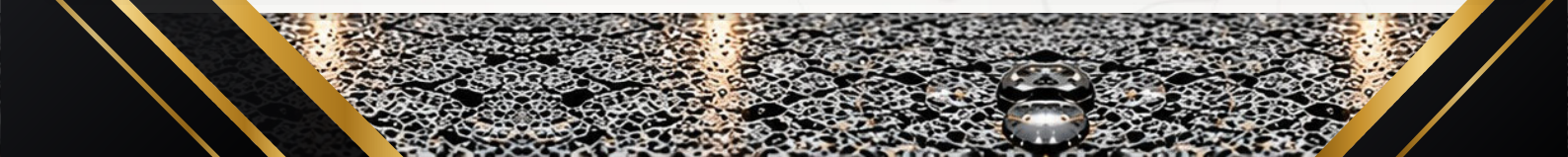
OIL



DAMAGE



CONSTRUCTION RESIDUE



STAGE 2

# SAND, CLEAN, TEST & PROTECT

## PREPARE THE WALL FOR COATING



**SAND**
CREATE A KEY FOR ADHESION

**CHECK**
ENSURE SUITABLE CONDITIONS

**PROTECT**
MASK AND COVER ADJOINING AREAS

## 01 SAND

CREATE A MECHANICAL PROFILE

Lightly abrade the wall using:

**120 – 220 GRIT**

The objective is to:

- CREATE A MECHANICAL PROFILE
- KEY SOUND EXISTING SURFACES
- FEATHER REPAIRS
- PREPARE FOR THE COATING SYSTEM





120 – 220 GRIT ABRASIVE

## 02 REMOVE DUST

ACHIEVE A CLEAN SURFACE

Following sanding:

**VACUUM OR WIPE CLEAN**

using a suitable damp cloth where appropriate.

**ALLOW TO DRY COMPLETELY**



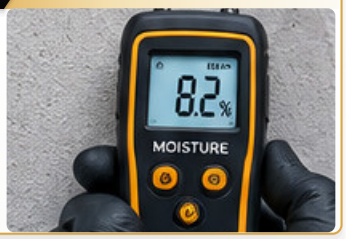


## 03 CHECK MOISTURE

ENSURE A DRY SUBSTRATE

The specified maximum is:

**MOISTURE <10%**




## 04 CHECK pH

SUITABLE pH LEVEL

The specified requirement is:

**pH <10**

Neutralise excessive alkalinity where required before coating.




## 05 MASK & PROTECT

COVER ADJOINING AREAS

**Protect:**

- EDGES
- FITTINGS
- WINDOWS
- FLOORS
- FIXTURES
- ADJOINING SURFACES

using appropriate masking and protective sheeting.



## OPTIONAL FUSION

ENHANCED BONDING

Where required, lightly apply:

**FUSION ADHESION PROMOTER V2**

Wipe with a clean cloth and allow to dry fully.

**SPECIFIED PURPOSE:**
Enhanced bonding on MR board and other difficult substrates.



STAGE 3

# APPLY R.S. PRIMER

## OPTIONAL / RECOMMENDED BLOCKING PRIMER

R.S. Primer provides an additional preparatory layer where stain blocking, background uniformity or additional adhesion is required.



**MIX**
MIX THOROUGHLY BEFORE USE

**SPRAY**
APPLY EVENLY TO THE SUBSTRATE

**PRIME**
CREATE A UNIFORM BONDING SURFACE

## SPRAY SETTINGS

**PRESSURE**
2 BAR



**NOZZLE**
1.4 – 2.0 MM



**REDUCTION**
UP TO 10% DI WATER IF REQUIRED




## MIXING

Mix thoroughly according to the current product instructions.




## APPLICATION

**Apply:**
EVENLY ACROSS THE PREPARED SUBSTRATE




**Maintain:**

- CONSISTENT FILM
- COMPLETE COVERAGE
- CONTROLLED OVERLAP
- CLEAN EDGES

## PURPOSE

**R.S. Primer is used to:**

- Block stains and discolouration
- Create a uniform colour base
- Improve adhesion on patchy or mixed substrates



## R.S.P PRIMER






STAGE 4

# APPLY R.S.P POLY BASE COAT

## CREATE THE CONTINUOUS RESIN FOUNDATION

R.S.P Poly Base Coat forms the primary resin foundation beneath Spray Granite V2.



**MIX**
MIX THOROUGHLY ACCORDING TO PRODUCT INSTRUCTIONS

**APPLY**
APPLY EVENLY TO THE SUBSTRATE

**BUILD**
CREATE A CONTINUOUS RESIN FOUNDATION

## SPRAY SETTINGS

### PRESSURE

**2 BAR**



### NOZZLE

**1.8 – 2.0 MM**



### ADDITIVE

**UP TO 5% INFINITY SPRAY ASSIST**




## 01 MIX

**Prepare R.S.P Poly Base Coat** according to its current individual product instructions.

**Maintain** accurate component ratios and consistent mixing.




## 02 APPLY

Apply evenly using:

**ROLLER | BRUSH | SUITABLE SPRAY EQUIPMENT**







**Ensure:**

- **FULL, UNIFORM COVERAGE**
- **CONSISTENT FILM THICKNESS**
- **CLEAN EDGES AND OVERLAP**

## OPTIONAL ADDITIONAL COATS

Additional coats may be applied where increased:

- **BUILD**
- **COVERAGE**
- **UNIFORMITY**



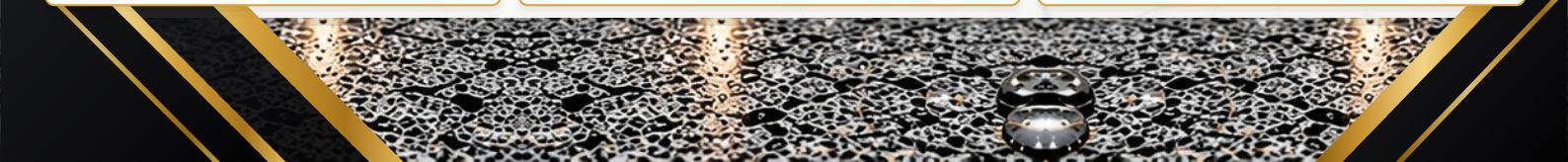
Allow each coat to reach the appropriate recoat condition before proceeding.

## CURE

**ALLOW R.S.P POLY BASE COAT TO CURE CORRECTLY**

before applying Spray Granite V2.





STAGE 5

# APPLY INFINITY SPRAY GRANITE V2

## CREATE THE DECORATIVE GRANITE EFFECT

Spray Granite V2 creates the primary decorative appearance.



**MIX**
MIX THOROUGHLY TO ACHIEVE THE CORRECT VISCOSITY

**TEST**
ESTABLISH THE CORRECT SPRAY PATTERN & DENSITY

**SPRAY**
APPLY EVENLY FOR A CONSISTENT GRANITE EFFECT

## SPRAY SETTINGS

**PRESSURE**
2 BAR



**NOZZLE**
1.8 – 2.5 MM



**REDUCTION**
UP TO 5 – 10% DI WATER IF REQUIRED

## 01 MIX

Mix Spray Granite V2 thoroughly.

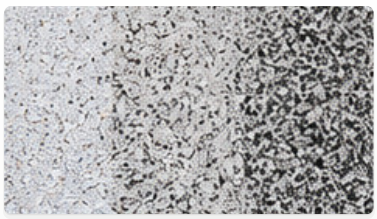
Add DI water only where required to achieve the correct spray viscosity.




## 02 TEST

**Establish the required:**

- SPRAY PATTERN
- MATERIAL DELIVERY
- GRANITE DENSITY
- COLOUR DISTRIBUTION



## 03 SPRAY

**Apply using:**

**CONTROLLED, OVERLAPPING PASSES**



**Maintain consistent:**

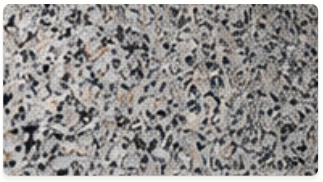
- GUN DISTANCE
- GUN ANGLE
- MOVEMENT SPEED
- OVERLAP
- DECORATIVE DENSITY

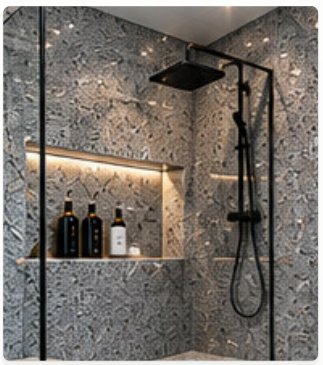
Do not hold the spray gun in one position.

## 04 CURE

**ALLOW SPRAY GRANITE V2 TO CURE FULLY**

before sanding or topcoating.







STAGE 6

# OPTIONAL SANDING & R.S.P TOPCOAT

## REFINE & PROTECT THE DECORATIVE SURFACE

R.S.P Topcoat forms the primary protective resin layer over the decorative Spray Granite V2 finish.



**INSPECT**
CHECK THE DECORATIVE FINISH

**SAND**
REFINE WHERE REQUIRED

**PROTECT**
APPLY R.S.P TOPCOAT FOR DURABILITY

## OPTIONAL SANDING

ACHIEVE A SMOOTHER FINISH

Where a smoother finish is required, lightly sand using:

**220 – 400 GRIT**

- Lightly abrade the surface
- Remove any minor high spots
- Do not sand through the Spray Granite V2 coating





**220 – 400 GRIT ABRASIVE**

**FOLLOWING SANDING:**

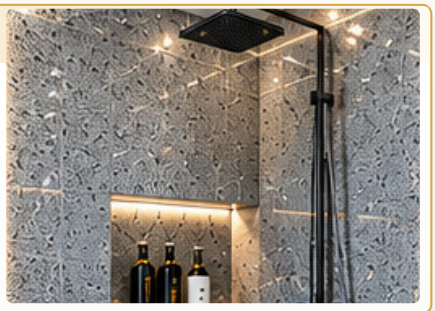


**REMOVE ALL DUST BEFORE TOPCOATING**

## R.S.P TOPCOAT

PRIMARY PROTECTIVE RESIN LAYER

R.S.P Topcoat forms the primary protective resin layer over the decorative finish, enhancing durability, stain resistance and overall performance.



## SPRAY SETTINGS

**PRESSURE**

**2 BAR**



**NOZZLE**

**1.8 – 2.0 MM**



**ADDITIVE**

**UP TO 10% INFINITY SPRAY ASSIST**




## APPLICATION

APPLY EVENLY FOR A DURABLE FINISH

**Apply evenly using:**

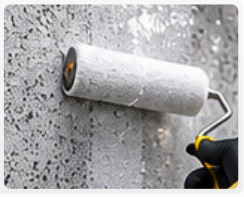
**ROLLER OR SUITABLE SPRAY EQUIPMENT**

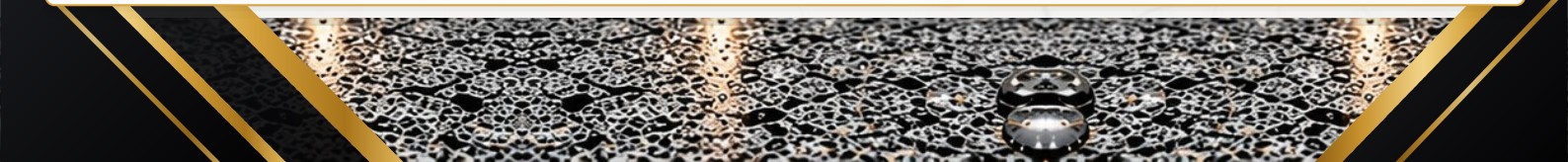




**Maintain:**

- COMPLETE COVERAGE
- CONSISTENT FILM
- CONTROLLED APPLICATION
- CLEAN EDGES





STAGE 7

# OPTIONAL R.S URETHANE WATER-BASED TOPCOAT

## OPTIONAL FINAL PROTECTIVE FINISH



Where specified, R.S Urethane Water-Based Topcoat may be applied as the final protective layer.

**PROTECT**
ADDITIONAL PROTECTION

**ENHANCE**
IMPROVE SHEEN AND APPEARANCE

**FINISH**
COMPLETE THE SYSTEM

## SPRAY SETTINGS

ACHIEVE A PROFESSIONAL FINISH

### PRESSURE

**2 BAR**



### NOZZLE

**1.4 – 2.0 MM**



### REDUCTION

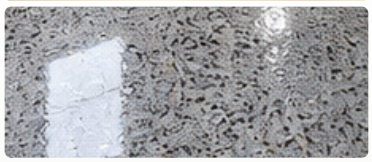
**UP TO 10% DI WATER**



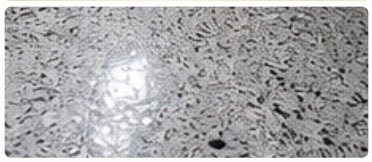

## AVAILABLE FINISHES

CHOOSE THE DESIRED SHEEN LEVEL

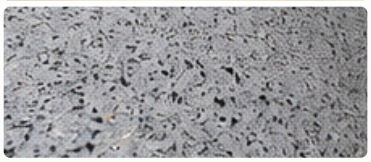
**GLOSS**



**SATIN**



**MATT**






## PURPOSE

ENHANCE PERFORMANCE & APPEARANCE

The optional final clear layer is identified as enhancing:

- **SHEEN**
- **DURABILITY**
- **ANTIMICROBIAL PROTECTION**



## APPLICATION

APPLY EVENLY OVER THE R.S.P TOPCOAT

Apply evenly over the complete R.S.P Topcoat according to the current individual product instructions.

**ROLLER OR SUITABLE SPRAY EQUIPMENT**





**Maintain:**

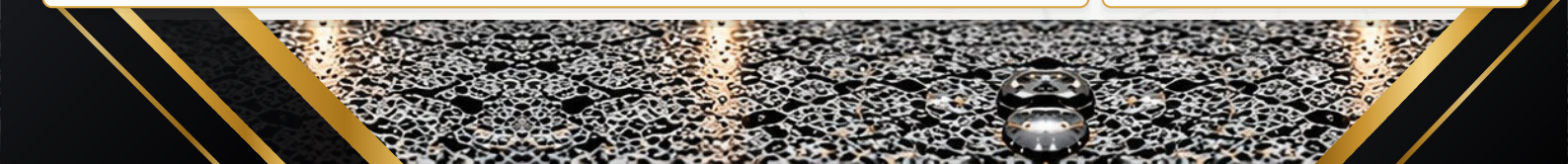
- **CONSISTENT FILM**
- **EVEN OVERLAP**
- **COMPLETE COVERAGE**

## FINAL CURE

**ALLOW THE COMPLETE SYSTEM TO FULLY CURE**

before exposing the finished wall to normal service conditions.





## FINAL INSPECTION

# CHECK BEFORE HANDOVER

**INSPECT | CORRECT | COMPLETE**

Before handover, inspect the completed wall to ensure the system meets the required appearance, performance and quality standards.



## CHECK FOR:

- Consistent texture
- Uniform decorative appearance
- Correct sheen
- Complete coverage
- Clean edges and transitions
- No visible contamination
- No missed areas
- Complete cure

## COMMON ISSUES

IDENTIFY CAUSES AND APPLY CORRECTIVE ACTIONS

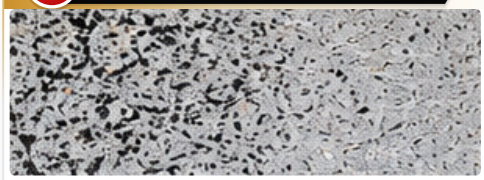
### POOR ADHESION



**Possible causes:**
Inadequate preparation, contamination, excessive moisture, unsuitable substrate or insufficient mechanical key.

**Action:**
Identify the cause, remove affected coating and correctly reprepare before repair.

### UNEVEN GRANITE EFFECT



**Possible causes:**
Inconsistent gun distance, overlap, movement speed or decorative material distribution.

**Action:**
Maintain consistent spray technique and controlled overlapping passes.

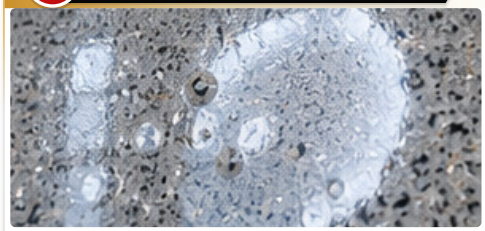
### LOSS OF GRANITE TEXTURE



**Possible cause:**
Excessive mixing.

**Action:**
**DO NOT OVER-STIR SPRAY GRANITE V2.**
Excessive agitation can affect texture integrity.

### BLISTERING / WHITENING



**Possible cause:**
Protective topcoating before Spray Granite V2 has dried sufficiently.

**Action:**
**ALLOW SPRAY GRANITE V2 TO FULLY DRY BEFORE TOPCOATING.**

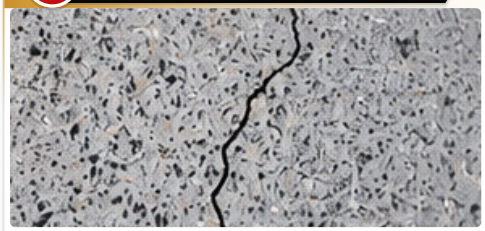
### PATCHING / DRY SPRAY



**Possible causes:**
Incorrect spray pressure or viscosity.

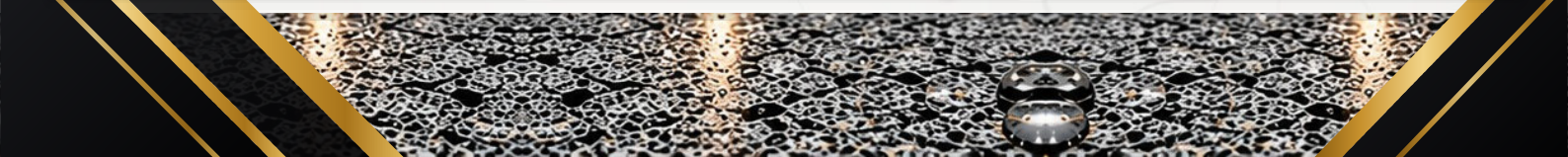
**Action:**
Maintain the specified spray pressure and correct product viscosity.

### CRACKING / SUBSTRATE DEFECTS



**Possible causes:**
Movement in the substrate or existing structural defects.

**Action:**
Use suitable crack-resistant repair materials where required and avoid unsuitable aftermarket fillers or paints.



## INSTALLER NOTES & DISCLAIMERS

# INFINITY EFFECTS SPRAY GRANITE V2

### WETROOM WALL SYSTEM 3

HYBRID RESIN-BASED NON-PERMEABLE WALL SYSTEM

Important information for professional installers to help achieve the intended appearance, adhesion, durability and performance of the Infinity Effects Spray Granite V2 Wetroom Wall System 3.



## INSTALLER RESPONSIBILITY

The installer must determine whether the existing wall substrate and supporting construction are suitable for coating.

**Do not install over surfaces that are:**
UNSTABLE | WET | DIRTY | CONTAMINATED
UNSOUND | POORLY PREPARED | OTHERWISE UNSUITABLE

## SYSTEM ORDER

COMPLETE EACH STAGE IN SEQUENCE

| | |
|---|---|
| 01 | INSPECT WALL |
| 02 | CLEAN |
| 03 | REPAIR DEFECTS |
| 04 | REMOVE LOOSE COATINGS |
| 05 | SAND 120 – 220 GRIT |
| 06 | REMOVE DUST |
| 07 | CHECK MOISTURE <10% |
| 08 | CHECK pH <10 |
| 09 | MASK & PROTECT |
| 10 | FUSION – OPTIONAL |
| 11 | R.S. PRIMER – OPTIONAL / RECOMMENDED |
| 12 | R.S.P POLY BASE COAT |
| 13 | ADDITIONAL BASE COAT IF REQUIRED |
| 14 | INFINITY SPRAY GRANITE V2 |
| 15 | OPTIONAL 220 – 400 GRIT SANDING |
| 16 | R.S.P TOPCOAT |
| 17 | R.S URETHANE WATER-BASED TOPCOAT – OPTIONAL |
| 18 | FULL CURE & INSPECTION |



## SUITABILITY & COMPATIBILITY

Where substrate compatibility is uncertain:

**PERFORM A TEST AREA BEFORE FULL APPLICATION**

Verify moisture, pH and wall flatness before coating.

## HEALTH & SAFETY

**Wear appropriate:**

RESPIRATORY PROTECTION | EYE PROTECTION | GLOVES | PROTECTIVE CLOTHING

Consult the current:

**SAFETY DATA SHEET (SDS)** for every product used.

## APPLICATION CONTROL

**Maintain correct:**

MIXING | RATIOS | PRESSURE | NOZZLE | VISCOSITY | OVERLAP | DRYING | RECOAT | CURE

Follow the current individual product instructions for every component.

## WARRANTY

**WARRANTIED WHEN INSTALLED BY AN INFINITY CERTIFIED INSTALLER.**

## DISCLAIMER

Customers and installers must read and follow all current product and system instructions. The information provided is based on testing and experience but cannot account for every environmental or substrate condition. Infinity Effects is not liable for misuse, improper installation or deviation from the guidelines. Always perform a product suitability test before full application. Shade variation may occur between batches.

## CRITICAL SYSTEM GUIDELINES

PREPARE → REPAIR → SAND → CLEAN → CHECK MOISTURE & pH → PROTECT → R.S. PRIMER IF REQUIRED

R.S.P POLY BASE COAT → SPRAY GRANITE V2 → SAND IF REQUIRED → R.S.P TOPCOAT → OPTIONAL R.S URETHANE TOPCOAT → PROTECT → FULL CURE