

## Infinity Spray Stone High Traffic (Poly Rapid V2) Countertop System

### Frequently Asked Questions (F.A.Q.)

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#### 1. Why is Poly Rapid V2 fish-eyeing on a non-porous surface?

This is **normal behaviour** when applying **Poly Rapid V2** to non-porous substrates.

The coating is actively attempting to **find pores or key points** in the surface, which results in a fish-eye effect.

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#### **Solution / Best Practice:**

- Apply a **thin coat of Infinity Universal Pour System Primer**
- Allow it to **tack off** (use gentle warm air if needed — *not hot air*)
- Once tacky, apply **Poly Rapid V2** by roller or spray

This creates a **strong intercoat bond**, eliminates fish-eyes, and reduces overworking the product.

*Note: Not always mandatory, but highly recommended for optimal results.*

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#### 2. I'm seeing bubbling between the Spray Stone and DiamondCoat V2 – why?

This is caused by **trapped moisture within the Spray Stone layer**.

Because Spray Stone is typically applied **heavier/thicker**, it requires **longer drying times**.

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#### **Cause:**

- Spray Stone not fully dry before sealing
  - Moisture attempting to escape after DiamondCoat is applied
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#### **Solution / Best Practice:**

- Allow Spray Stone to **fully dry before sealing**
- Use **gentle warm airflow** to assist drying



- **Do NOT use hot air**, as this can damage the system
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### **3. My countertop is peeling or cracking at edges, corners, or along the back wall – why?**

This is caused by **moisture ingress behind the coating**.

Edges and joints are **natural weak points** where water can penetrate.

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#### **Prevention:**

- After installation and tape removal
- Seal all edges and joints using:
  - **Silicone**
  - Or **suitable flexible caulk**

This step is **critical** to prevent long-term failure.

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### **4. Can I spray this system without a 3M Performance Gun?**

**No — not recommended.**

This is a **high-performance resin system**, not standard paint.

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#### **Important:**

- Do **NOT** use HVLP or airless sprayers
  - These are not designed for resin-based systems
  - Incorrect equipment leads to:
    - Poor atomisation
    - Blockages
    - Finish defects
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#### **Recommendation:**

- Use a **3M Performance Spray Gun with interchangeable tips**



- Attend an **Infinity Certified Academy** before attempting spray application
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### 5. I have two tins of the same colour, but they're slightly different – why?

Minor colour variation can occur due to:

- Different **batch numbers**
  - Time gaps between tinting
  - Variations in **tint machines across distributors**
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#### **Solution (Batching Method):**

- Combine all **Part A components** into one container
- Mix thoroughly until **fully homogeneous**
- Then proceed with application

This ensures a **consistent colour across the entire project.**

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### 6. How can I increase heat resistance on countertops?

To improve **heat and abrasion resistance:**

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#### **Option:**

- Add **Aluminium Oxide Powder** into your **DiamondCoat V2 layer**
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#### **Benefits:**

- Improved **heat dispersion**
  - Increased **durability and abrasion resistance**
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#### **Additional Recommendation:**

- Install **metal edge protectors/stoppers** around:
  - Hobs



- Cookers
- High-heat zones

This reduces **localized heat stress**, especially at vulnerable edges.

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### 7. My Spray Stone is too watery and difficult to trowel – why?

This is because Spray Stone is **formulated for spray application straight from the bucket**.

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#### **Solution / Best Practice:**

- Add **Infinity THIXX Additive** to the mix
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#### **Benefits:**

- Increases **viscosity (body)**
  - Allows for **easy trowel application**
  - Enables decorative effects such as:
    - Stone textures
    - Marble-style finishes
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#### **⚠ Important System Notes**

- Always follow **Infinity system guidelines and application steps**
  - Ensure correct **drying times between layers**
  - Carry out **test patches where unsure**
  - Use correct **tools and equipment for application**
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Failure to follow correct procedures can result in:

- Bubbling
- Cracking



- Poor finish quality
- Colour inconsistencies
- Delamination
- Voided warranties