

Infinity Spray Stone High Traffic (Poly Rapid V2) Floor System

Frequently Asked Questions (F.A.Q.)

1. I can see bubbles under the Poly Rapid V2 after applying it to the floor – why?

This is caused by **incorrect or insufficient substrate preparation**.

Common Causes:

- Floor not properly **ground to create a mechanical key (CSP 2–3)**
 - Substrate not porous enough for proper adhesion
 - Air trapped within the substrate releasing during curing
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Solution / Best Practice:

- Ensure the floor is **fully ground and dust-free**
- For non-porous or questionable substrates, apply:
 - **Infinity Universal Pour System Primer** to improve adhesion
- Always assess the **substrate condition before application**

👉 If unsure, contact **Infinity Effects** or an **Infinity Certified Academy** before proceeding.

2. My floor has chipped at the edges or corners – what caused this?

Edges and corners are **natural weak points in all coating systems**.

Cause:

- Mechanical impact at exposed edges
 - No protection at termination points
 - Moisture ingress over time
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Solution / Prevention:

- Seal all edges where coating meets:
 - Walls
 - Skirting boards
 - Doorways
 - Use:
 - **Flexible silicone or caulk**
 - **Metal trims or doorway thresholds** where required
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This prevents:

- Chipping
 - Edge breakdown
 - Moisture penetration during cleaning or use
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3. I'm only coating part of the floor and leaving exposed substrate beside it – is this okay?

No — this is not recommended.

Infinity floor systems should be treated as a **fully sealed “tanking system.”**

Why this matters:

- Exposed edges allow **moisture ingress**
 - Creates **weak transition points**
 - Increases risk of **chipping and delamination**
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If a full coating is not possible:

- Cut a **defined expansion joint** using a saw (approx. 1–2 inches deep)
 - Feather the coating into this joint
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Benefits:

- Reduces moisture intrusion
 - Prevents edge lifting and impact damage
 - Provides a clean, professional finish
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4. The coating is puncturing or denting on my floor – why?

This is due to the **substrate being too soft or flexible**.

Important Principle:

👉 *The coating is only as strong as the surface beneath it.*

Common Problem Substrates:

- Vinyl flooring
 - Mezzanine boards
 - Soft or compressible materials
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What happens:

- Substrate movement or compression
 - Leads to **puncturing, denting, or deformation** of the coating
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Solution / Best Practice:

- Remove weak substrates where possible
 - Or install a **rigid structural layer/membrane** before coating
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Especially important in:

- High traffic areas
- Commercial environments



- Areas with point loading (machinery, furniture, etc.)
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5. I'm using Poly Rapid V2 from different batches or older kits on a large floor – will this cause colour issues?

Yes — **slight colour variations can occur** when using:

- Different **manufacturing batches**
 - Materials tinted at different times
 - Older and newer stock combined
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Solution (Batching Method):

- Combine all **Part A components (old + new)** into one container
- Mix thoroughly until **fully homogeneous**
- Then proceed with application

👉 This ensures a **consistent colour across the entire floor**.

Alternative Method (When batching isn't possible):

- Introduce a **clean break line** using a **Stihl saw cut / expansion joint**
 - Feather each section into the cut
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Benefits:

- Creates a **natural visual break**
 - Avoids noticeable colour transitions
 - Prevents uneven blending between sections
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6. My Poly Rapid V2 is going off too fast – why?

This is caused by **high temperatures or humid conditions**, which accelerate polyaspartic reactions.



Solution / Best Practice:

- Keep both **Part A and Part B cool before use**
 - Store in a **cool environment prior to mixing**
- Avoid working in **direct heat where possible**

Additional Option:

- Use **Infinity Polyaspartic Extender / Spray Assist**

Benefits:

- Slows down the **reaction time**
- Increases **working time (pot life)**
- Improves **flow and application control**
- Enhances **sprayability and finish quality**

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

Spray Stone is **formulated for spray application**, so it will naturally appear fluid.

Solution / Best Practice:

- Add **Infinity THIXX Additive** to the mix

Benefits:

- Increases **body and viscosity**
- Allows for **easy trowel application**
- Enables **controlled decorative finishes** (stone, textured, marble effects)

⚠ Critical System Guidelines

- Always **mechanically prepare (grind) floors before application**
 - Use **Infinity Universal Pour System Primer where required**
 - Treat floors as a **fully sealed system**
 - Protect all **edges and transitions**
 - Ensure substrate is **structurally sound and suitable**
 - Carry out **test patches where unsure**
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 **Failure to follow correct procedures can result in:**

- Bubbling
- Chipping
- Puncturing
- Colour inconsistency
- Fast curing / reduced work time
- Delamination
- Voided warranties