

## Infinity ArmourGuard V2 General Spraying System

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


---

#### **PRO TIP – NOZZLE DRYING / “BITTY FINISH” FIX**

If you are experiencing a **bitty / rough finish when spraying**, this is often caused by the product **drying too fast at the nozzle/tip**.

 Use this advanced method:

- Lightly **wet your spray nozzle/tip with Infinity Safe Solvent**, then wipe off excess
- Add **~5% by weight Infinity Safe Solvent into Part B ONLY**
- Mix Part B thoroughly **before adding into Part A**

 This works by **lubricating the material**, slowing down tip drying and allowing the coating to:

- Flow smoother through the gun
- Atomise correctly
- Prevent mid-air drying / micro-clumping

 **Result: Cleaner spray pattern + flawless finish**

---

#### **CRITICAL – MIXING ORDER IS NON-NEGOTIABLE**

ArmourGuard V2 is a **2K water-based hybrid system**, not a standard paint.

Incorrect mixing order **WILL** cause defects.

 If mixing order is not followed exactly, you will experience:

- Bitty / rough finish
  - Micro-clumping
  - Poor atomisation
  - Inconsistent sheen
  - Potential adhesion issues
- 

#### **Correct Mixing Procedure (MUST BE FOLLOWED):**

1. Add up to **10–15% DI (deionised) water into Part A ONLY**
2. Add **catalyst (if being used)** into Part A



3. Mix thoroughly until fully homogeneous
  4. **Strain through 190 micron filter** into spray cup
  5. **ONLY THEN add Part B (hardener)** and mix
- 

**✗ NEVER:**

- Add water after Part A + B are combined
- Add catalyst after Part B
- Skip straining

👉 Doing this will cause **instant micro-reaction clumping** (“bitty finish”)

---

**1. I’m not getting a fine finish – it looks “bitty” when spraying. Why?**

This is almost always caused by **incorrect mixing order or premature reaction during spraying.**

---

**Cause:**

- Water or catalyst added after Part A & B were combined
  - Reaction has already started → causes micro clumps
  - Product is **drying too fast at the nozzle/tip**
- 

**Solution:**

👉 Follow the **exact mixing order** above

This will give you a **smooth, glass-like finish.**

👉 If still occurring, refer to **PRO TIP** above

---

**2. My Gloss, Satin, and Matt versions are different thicknesses – how should I spray them?**

This is normal due to **matting agents affecting viscosity.**

---



### Best Practice:

- Add **10–15% DI water into Part A (before Part B)**
  - Adjust viscosity to suit your spray setup
- 

👉 Always **follow correct mixing order first**, then adjust viscosity.

---

### ⚠️ Critical System Guidelines

- Mixing order is **mandatory – not optional**
  - Always strain material before spraying
  - Adjust viscosity only **after correct mixing procedure**
  - Maintain consistent spray setup and technique
  - Carry out test panels before full jobs
- 

### ⚠️ Failure to follow correct procedure will result in:

- Bitty finish
- Poor atomisation
- Adhesion issues
- Inconsistent sheen
- Surface defects
- Voided warranties