

Infinity ArmourGuard V2 Roof Tile Application Guide (Short Guide)

1. Surface Preparation (CRITICAL)

Proper preparation is the **most important step** when coating roof tiles.

Power Washing

- Thoroughly **power wash the entire roof surface**
- Remove:
 - Dirt
 - Moss
 - Algae
 - Loose or flaking coatings

👉 Ensure all debris is fully removed from **tile pores, overlaps, and joints**

Cleaning (Where Required)

If contamination remains after washing:

- Use a **suitable roof cleaner / biocide treatment**
- Target areas with:
 - Heavy moss
 - Algae growth
 - Organic staining

👉 Allow cleaning solutions to **fully react and rinse off completely**

Drying

- Allow the roof to **fully dry before coating**
- Do not apply to damp or saturated surfaces



2. Surface Condition Check

Before coating, ensure:

- Tiles are **sound and secure**
- No loose or damaged tiles
- Surface is **clean, dry, and stable**

3. ArmourGuard V2 as Primer & Topcoat

👉 **ArmourGuard V2 acts as both the primer and finishing coat**

- No separate primer is required
- First coat will **penetrate and key into the surface**
- Second coat builds **colour, durability, and finish**

4. Mixing ArmourGuard V2 (CRITICAL)

Follow correct mixing order:

1. Add up to **10–15% DI (deionised) water into Part A ONLY**
2. Add **catalyst where faster drying is required**
3. Mix thoroughly until **fully homogeneous**
4. **Strain through 190 micron filter**
5. Add **Part B (hardener)** and mix

👉 Incorrect mixing will lead to **poor finish and performance**

5. Application

- Apply using:
 - **Spray (recommended for roofs)**
 - Or roller for smaller sections



- Apply **even, consistent coats**
 - Allow first coat to **dry before applying second coat**
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6. Drying & Curing

- Allow adequate **drying time between coats**
 - Use **catalyst to accelerate curing where required** (e.g. colder conditions or tight timelines)
 - Protect from:
 - Rain
 - Moisture
 - Extreme temperatures
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Important Notes

- Do not apply in:
 - Wet conditions
 - High humidity
 - Freezing or extreme heat
 - Always carry out a **test patch before full application**
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Failure to follow correct preparation can result in:

- Poor adhesion
- Peeling or flaking
- Uneven finish
- Reduced system lifespan