Infinity ROX Binder Resin Bound Course – Walkthrough Table

Time	Step	Instructor Actions	Student Actions
10:00 – 10:30	Welcome & Course Introduction	Register students, check ID, PPE briefing, outline full resin bound workflow	Complete enrolment, receive PPE, introduce themselves, understand course structure
10:30 – 11:00	System Theory + Finished Surfaces	Present completed samples, explain system build-up, permeability, durability and use cases	Observe samples, ask questions, understand finished standards
11:00 – 12:00	Trowelling Practice (Uncatalysed Material)	Demonstrate correct trowel technique, pressure, levelling and edge control	Practice trowelling in bays using uncatalysed material
12:00 – 12:30	Substrate Prep & Priming	Explain base requirements, demonstrate use of ROX Primer on concrete and non-permeable surfaces	Observe, ask questions, understand when primer is required
12:30 – 13:00	CRM Mesh Reinforcement	Demonstrate installing CRM mesh, explain benefits for crack prevention and movement control	Observe, understand where and when mesh is required
13:00 – 13:30	Steps & Vertical Work	Demonstrate shuttering steps and use of Vertical Binder for vertical applications	Observe, ask questions, understand vertical application techniques
13:30 – 14:00	Break	Reset workspace, prepare for next stage	Take break, reset work area
14:00 – 14:30	Decorative Trims & Shapes	Demonstrate drilling, fixing trims, creating borders and patterns	Observe, assist where needed, understand layout techniques
14:30 – 15:15	Live Mix Demonstration	Mix full system (4 bags aggregate + sand + binder),	Observe, understand correct mixing process

Time	Step	Instructor Actions	Student Actions
		explain ratios and consistency	
15:15 – 16:00	Live Installation Demonstration	Lay and trowel full resin bound system, demonstrate workflow and finish	Observe full process, understand timing and finish quality
16:00 – 16:20	Rejuvenator & Maintenance	Demonstrate rejuvenator use, explain maintenance cycle (2–3 years)	Observe, understand long-term system care
16:20 – 16:45	Troubleshooting & Common Failures	Explain issues (poor prep, no primer, no mesh, incorrect mix), provide real-world fixes	Ask questions, understand failure prevention
16:45 – 17:00	Completion & Certification	Distribute handouts, F.A.Q sheets, application guides, final Q&A	Receive materials, ask final questions, collect certification

Infinity Effects ROX Binder Resin Bound Course

(Full System: Base Prep → Mixing → Laying → Finishing → Maintenance)

Duration: 1 Day
Time: 10:00 AM – 5:00 PM
Level: Practical Installation Training

⚠ Course Objective

This course is designed to:

- Teach **correct resin bound installation techniques**
- Provide **hands-on trowelling experience**

- Demonstrate **full system workflow from prep to finish**
- Build understanding of **long-term performance & maintenance**

⚙️ Pre-Course Setup (Trainer Checklist)

🔧 Equipment:

- Forced action mixer
- Buckets & measuring equipment
- Trowels (steel finishing trowels)
- Shuttering tools
- Drill & fixings (for trims)
- Mixing drills
- PPE (gloves)

🧱 Substrates:

- Practice bays (sectioned areas)
- Concrete base sections
- Step demonstration area

🧪 Materials:

- ROX Binder (uncatalysed for practice)
- ROX Binder (live mix for demo)
- Decorative aggregates
- Sand
- ROX Primer
- CRM Mesh
- Decorative trims
- Vertical Binder (for steps)

- Rejuvenator
- Anti-Slip Additives

📅 Full Course Schedule & Breakdown

🕙 10:00 – 10:30 | Welcome & Course Introduction

- Enrolment & PPE briefing
- Overview of resin bound systems

👉 Learning Outcome:

Students will:

- Understand full resin bound system
- Practice trowelling technique
- Observe full live installation

🧠 10:30 – 11:00 | System Theory & Finished Surfaces

Show Completed Samples:

- Different aggregate finishes
- Smooth vs Anti-Slip finishes
- Edging & trim work

Teach:

- System build-up
- Where resin bound is used
- Permeability & durability benefits

⚠ CRITICAL TRAINING POINTS

- Base preparation determines success
- Primer is essential on non-permeable surfaces
- Mesh reinforcement prevents cracking
- Mixing ratios must be consistent

🧱 11:00 – 12:00 | Trowelling Practice (Uncatalysed Material)

Tutor Demonstration:

- Correct trowelling technique
- Pressure control
- Leveling

Students:

- Practice in bays using **uncatalysed binder mix**

👉 Focus:

- Movement of material
- Clean edges
- Smooth finish

⚠ **Key Learning:**

- Develop confidence **without time pressure**

🧱 12:00 – 12:30 | Substrate Preparation & Priming

Teach:

- Importance of base condition
- When to use **ROX Primer**

Explain:

- Concrete = non-permeable → requires primer
- Poor prep = failure

🧵 12:30 – 13:00 | CRM Mesh Reinforcement

Tutor Demonstration:

- Installing mesh into base

Explain:

- Prevents:
  - Cracking
  - Movement failure

👉 Reinforce:

- Essential on weak or mixed substrates

🧱 13:00 – 13:30 | Steps & Vertical Work

Demonstrate:

- Shuttering steps
- Using **Vertical Binder**

👉 Teach:

- Edge control
- Vertical application techniques

⏸️ 13:30 – 14:00 | Break

📐 14:00 – 14:30 | Decorative Trims & Shapes

Tutor Demonstration:

- Installing trims
- Drilling & fixing

Teach:

- Creating:
  - Borders
  - Patterns
  - Shapes

👉 Focus:

- Clean layout
- Secure fixing

🏗️ 14:30 – 15:15 | Live Mix Demonstration (Full System)

Tutor Demonstration:

- Mix:
  - **4 bags aggregate + sand + ROX Binder**

Show:

- Correct mixing consistency
- Even coating of aggregate

👉 Explain:

- Timing
- Mixing accuracy

🧱 15:15 – 16:00 | Live Installation Demonstration

Tutor:

- Lay full resin bound system
- Trowel out surface

Students:

- Observe full process

👉 Focus:

- Workflow
- Timing
- Finish quality

🧪 16:00 – 16:20 | Rejuvenator (Maintenance System)

Explain:

- Why it's critical:
  - Restores appearance
  - Maintains performance

Recommended:

- Apply every **2–3 years**

👉 Teach:

- Long-term system care

⚠️ 16:20 – 16:45 | Troubleshooting & Common Failures

Teach:

- Poor prep → delamination
- No primer → failure on concrete
- No mesh → cracking
- Incorrect mix → weak system

👉 Real-world problem solving

💼 16:45 – 17:00 | Course Completion

- Q&A session
- Distribute:
  - Handouts
  - F.A.Q sheets
  - Application guides

👉 Certification issued

⚠️ Infinity Training Standards

- ✔ Always assess substrate
- ✔ Use ROX Primer on non-permeable bases
- ✔ Use CRM mesh where required
- ✔ Maintain correct mixing ratios
- ✔ Proper trowelling defines finish

🎯 End Result

Students leave able to:

- ✔ Understand full resin bound system
- ✔ Trowel material correctly
- ✔ Identify correct prep methods
- ✔ Install trims & shapes
- ✔ Maintain resin bound surfaces


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