

Infinity ArmourGuard Kitchen Respraying Course – Walkthrough Table

Time	Step	Instructor Actions	Student Actions
10:00 – 10:30	Welcome & Course Introduction	Register students, check ID, deliver PPE briefing (focus on working inside homes), outline full workflow	Complete enrolment, receive PPE, introduce themselves, understand course structure
10:30 – 11:00	System Theory	Explain ArmourGuard system, Spectra Prime role, use cases, limitations, pot life (4:1 mix)	Take notes, ask questions, understand system structure
11:00 – 11:10	Critical Mixing Demonstration	Demonstrate: ADD water/catalyst to PART A FIRST → MIX → THEN ADD PART B , explain failures if done wrong	Observe closely, understand correct mixing order
11:10 – 11:45	Kitchen Strip Down	Demonstrate removal of doors, hinges, handles, labelling system	Strip down kitchen doors & components, organise hardware
11:45 – 12:30	Cleaning, Degreasing & Sanding	Demonstrate degreasing (grease removal), sanding technique, explain correct abrasives (P320–400 for keying, P240–400 for MDF)	Degrease all surfaces, sand doors & carcass correctly
12:30 – 13:15	Masking & Room Preparation	Demonstrate full masking setup (floors, appliances, splashbacks, walls), explain overspray control	Mask full kitchen setup professionally
13:15 – 14:00	Spectra Prime Application	Demonstrate spraying high-build primer onto MDF, explain build-up and coverage	Spray Spectra Prime onto MDF doors
14:00 – 14:30	Sanding Primer	Demonstrate flattening primer for smooth finish	Sand primed doors to achieve smooth surface

Time	Step	Instructor Actions	Student Actions
14:30 – 15:30	ArmourGuard Spray Application (First Coat)	Demonstrate spray setup (1.2mm tip), technique (distance, overlap), check every mix (Part A first)	Mix correctly (Part A first) and spray first coat onto doors & carcass
15:30 – 16:00	Flash Off & Inspection	Explain flash-off timing, inspect surfaces, highlight defects	Inspect work, identify issues, prepare for second coat
16:00 – 16:30	Second Coat Application	Supervise spraying, reinforce technique and coverage	Apply second coat evenly to achieve full finish
16:30 – 17:00	Reinstallation & Completion	Demonstrate refitting doors, hinges, handles, inspect final work, discuss pricing & business	Reinstall kitchen components, review work, receive certification

Infinity Effects Kitchen Respraying Course

(ArmourGuard System | Full Kitchen Strip → Prep → Spray → Reinstall)

Duration: 1 Day

Time: 10:00 AM – 5:00 PM

Format: Hands-On | Real-World Application Training

Pre-Course Setup (Trainer Checklist)

Equipment:

- 3M Performance Spray Guns / HVLP

- Compressor setup
- Screwdrivers / drill sets
- Sanding tools (orbital + hand)
- Dust extraction / vacuum
- Masking tape (1", 2") + plastic sheeting
- Mixing cups, sticks & digital scales
- PPE:
 - **Respirator masks (spray-rated)**
 - Gloves
 - Coveralls

Substrates:

- Full kitchen setup (doors + carcass sections)
- MDF raw doors (for build-up demo)
- Sample panels

Products:

- Spectra Prime (high build primer)
- ArmourGuard Pigmentable
- ArmourGuard Clear (if required)
- Catalyst / water for reduction



Full Course Schedule & Breakdown



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

- Enrolment & ID checks
- PPE briefing (**working inside homes emphasis**)
- Overview of full process

Learning Outcome:

Students will complete a **full kitchen respray workflow**:

- Strip → Prep → Prime → Sand → Spray → Reinstall

10:30 – 11:00 | System Theory (Critical Foundation)

ArmourGuard System:

- 2K urethane-acrylic hybrid
- “Applies like paint, cures like plastic”
- Mixing ratio: **4:1 (A:B)**
- Pot life: **30–40 minutes**

Spectra Prime (High Build Primer):

- Stain-blocking
- MDF sealing
- Build-up for smooth finishes

Requires:

- Spray application
 - Sanding between coats
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CRITICAL TRAINING POINT – MIXING ORDER

 **ALWAYS ADD WATER / CATALYST INTO PART A FIRST → MIX → THEN ADD PART B**

 Must be checked on **every mix**

11:00 – 11:45 | Kitchen Strip Down (Hands-On)

Tutor Demonstration:

- Removing:
 - Doors
 - Hinges
 - Handles
-

Students:

- Fully strip kitchen section
-

Focus:

- Labelling doors
 - Organising hardware
 - Avoiding damage
-

11:45 – 12:30 | Cleaning, Degreasing & Sanding (CRITICAL)

Tutor Demonstration:

- Proper degreasing (grease-heavy environments)
 - Sanding technique
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Correct Abrasives for Kitchen Resprays

Existing Painted / Laminate Doors:

- P320 – P400 grit (keying surface)

MDF / Primer Sanding:

- P240 – P320 initial flattening
 - P320 – P400 finishing
-

Avoid:

- Too coarse → scratches show through
 - Too fine → poor adhesion
-

Students:

- Degrease all doors & carcass
 - Sand correctly
-

 **Critical:**

- Kitchens = **high contamination risk**
 - Poor prep = guaranteed failure
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 **12:30 – 13:15 | Masking & Room Preparation**

Tutor Demonstration:

- Full room masking:
 - Floors
 - Worktops
 - Appliances
 - Splashbacks
 - Walls
-

Students:

- Mask full kitchen setup
-

 **Focus:**

- Preventing overspray
 - Clean professional setup
 - Customer environment protection
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13:15 – 14:00 | Spectra Prime Application (MDF Build-Up)

Tutor Demonstration:

- Spray application of high-build primer
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Students:

- Apply Spectra Prime to MDF doors
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Teach:

- Building thickness
 - Even coverage
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14:00 – 14:30 | Sanding Back Primer

Tutor Demonstration:

- Flattening primer to smooth finish
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Students:

- Sand primed doors
-

Focus:

- Removing texture
 - Achieving spray-ready surface
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14:30 – 15:30 | ArmourGuard Spray Application (Main Practical)

Tutor Demonstration:

- Spray setup:
 - 1.2mm → fine finish
 - Technique:
 - Distance control
 - 50% overlap
 - Light coats
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Students:

- Mix ArmourGuard (**Part A first**)
 - Spray:
 - Doors
 - Carcass sections
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Reinforce:

- Light coats only
 - Avoid:
 - Runs
 - Dry spray
 - Overloading
-

15:30 – 16:00 | Flash Off & Inspection

Teach:

- Flash-off timing
 - Identifying defects early
-

Students:

- Inspect surfaces
 - Prepare for second coat
-

16:00 – 16:30 | Second Coat Application

Students:

- Apply second coat
-

Focus:

- Colour uniformity
 - Finish quality
-

16:30 – 17:00 | Reinstallation

Tutor Demonstration:

- Refit:
 - Doors
 - Hinges
 - Handles
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Students:

- Reassemble kitchen
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Focus:

- Avoid damaging coating
 - Professional finish
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Infinity Training Standards

-  **ALWAYS ADD TO PART A FIRST**
 -  Prep & cleanliness are everything
 -  Kitchens = high contamination risk
 -  Primer sanding defines finish quality
 -  Light coats = professional result
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End Result





Students leave able to:

-  Strip and reinstall full kitchens

UNPARALLELED SERVICE

UNRIVALLED PERFORMANCE

 / InfinityEffects  / InfinityEffectsGroup

-  Prep contaminated surfaces correctly
-  Use Spectra Prime for MDF build-up
-  Spray ArmourGuard to a professional finish
-  Work safely inside customers' homes