

Silver Card

LEVEL:	Full Trade, Level 1
DURATION:	12 months max.
PRE-REQUISITES:	Bronze Card
TERM:	No card expiry
COST:	AU\$1495



Description

This course is for professional resin flooring installers that are regularly required to apply rollcoat and broadcast flooring systems.

The skills taught focus on the installation of single-colour rollcoats, flake floors and non-slip flooring finishes in residential, retail and commercial projects.

Content

Unit 1:

Assess flooring installation sites (MSFFL3054)

Unit 2:

Mechanically prepare surfaces for installation of flooring materials (MSFFL2035)

Unit 3:

Select, prepare and apply moisture barriers to concrete substrates (MSFFL2032)

Unit 4:

Prepare subfloors for resin flooring systems (MSFFL3077)

Unit 5:

Mix and apply thin-film rollcoat resin flooring systems (MSFFL3072)

Unit 6:

Mix and apply thin-film broadcast resin flooring systems (MSFFL3073)

Format

This online only course contains units that are directly mapped to the Australian Resin Flooring Qualification (MSF30818 Certificate III).

It features an extensive collection of over 120 learning resources and advanced assessment capability that can be completed anywhere, any time, and at your own pace.

Experienced installers have the option of doing a benchmark course to demonstrate their knowledge and qualify for a card without having to do the full course.

Benefits

By completing the this online course, you will be able to:

- Assess and formally report on the condition of concrete subfloors and factors in the environment that may impact flooring installation.
- Select and use powered equipment for the preparation of surfaces prior to the installation of resin flooring materials.
- Apply moisture barriers in readiness for the installation of floor coverings and coatings.
- Prepare and repair subfloors in preparation for the installation of resin flooring systems.
- Prepare and apply thin-film rollcoat and thin-film broadcast (flake and non-slip) resin flooring systems.

Who Should Enrol?

This course is ideal for established resin flooring installers looking to get better results on their projects, or gain recognition for their expertise in thin-film rollcoat and thin-film broadcast systems.

 **Full Task List**

Unit 1: Assess flooring installation sites (MSFFL3054)

Task 1 – Prepare for Work

- 1.1 – Work Flow
- 1.2 – Calculation of Floor Area
- 1.3 – Datum Levels

Task 2 – Assess Job Site

- 2.1 – Flooring Specification
- 2.2 – Dealing with UV

Task 3 – Assess Floor

- 3.1 – Subfloor Specification
- 3.2 – Existing Floor Surfaces
- 3.3 – Concrete Defects
- 3.4 – Visual Signs of Moisture
- 3.5 – Moisture Testing
- 3.6 – Hydrostatic Pressure
- 3.7 – pH Testing
- 3.8 – Flatness & Levelness Testing

Task 4 – Report Findings

- 4.1 – Moisture Test Report



Unit 2: Mechanically prepare surfaces for installation of flooring materials (MSFFL2035)

Task 1 – Workplace Health & Safety

- 1.1 – General Site Safety
- 1.2 – Job Safety & Environment
- 1.3 – JSEA Example
- 1.4 – Vacuums & Dust Extraction

Task 2 – Select Equipment & Tooling

- 2.1 – Objectives
- 2.2 – Concrete Surface Profiles
- 2.3 – Preparation Summary
- 2.4 – Grinders
- 2.5 – Shot Blasters
- 2.6 – Scarifiers
- 2.7 – Rotary Sanders
- 2.8 – Accessing Instructions

Task 3 – Prepare for Work

- 3.1 – Work Flow
- 3.2 – Machine Safety
- 3.3 – Work Orders & Worksheets

Task 4 – Clean & Prepare Subfloor

- 4.1 – Floor Demolition
- 4.2 – Cleaning & Degreasing

Task 5 – Treat the Subfloor

- 5.1 – Grinding
- 5.2 – Shot Blasting
- 5.3 – Scarifying
- 5.4 – Rotary Sanding

Task 6 – Complete Housekeeping

- 6.1 – Duties
- 6.2 – Disposing of Waste

Unit 3: Select, prepare and apply moisture barriers to concrete substrates (MSFFL2032)

Task 1 – Workplace Health & Safety

- 1.1 – General Site Safety
- 1.2 – Job Safety & Environment
- 1.3 – JSEA Example

Task 2 – Prepare for Work

- 2.1 – Work Flow
- 2.2 – Types of Moisture
- 2.3 – Product Selection
- 2.4 – Supplier Instructions
- 2.5 – Supplier Instructions Example
- 2.6 – Product Familiarisation
- 2.7 – Tools
- 2.8 – Work Orders & Worksheets

Task 3 – Prepare Substrate

- 3.1 – Substrate Checks

Task 4 – Set Out Work Area

- 4.1 – Setting Up Mix Area
- 4.2 – Taping

Task 5 – Prepare for Application

- 5.1 – Checking Conditions
- 5.2 – Personal Protective Eq. (PPE)

Task 6 – Apply Moisture Protection

- 6.1 – Moisture Barrier
- 6.2 – Moisture Suppressant

Task 7 – Complete Housekeeping

- 7.1 – Duties
- 7.2 – Disposing of Waste



Unit 4: Prepare subfloors for resin flooring systems (MSFFL3077)

Task 1 – Workplace Health & Safety

- 1.1 – General Site Safety
- 1.2 – Job Safety & Environment
- 1.3 – JSEA Example

Task 2 – Prepare for Work

- 2.1 – Product Selection
- 2.2 – Supplier Instructions
- 2.3 – Supplier Instructions Example
- 2.4 – Product Familiarisation
- 2.5 – Project Planning
- 2.6 – Tools
- 2.7 – Work Orders & Worksheets

Task 3 – Prepare Substrate

- 3.1 – Dynamic vs Static Cracks
- 3.2 – Floor Demolition
- 3.3 – Cleaning & Degreasing
- 3.4 – Concrete Surface Profiles

Task 6 – Apply Subfloor System

- 6.1 – Patching - Small Static Cracks & Chips w. Bog
- 6.2 – Patching - Large Static Cracks w. Resin & Sand
- 6.3 – Patching - Large Static Cracks w. Fluid Mortar
- 6.4 – Patching - Large Static Cracks Review
- 6.5 – Dynamic Crack Repairing
- 6.6 – Expansion Joint Repairing
- 6.7 – In-filling - Drains & Floor Wastes
- 6.8 – Priming & Sealing
- 6.9 – Levelling - Skim Coat
- 6.10 – Levelling - Repair & Level
- 6.11 – Levelling - Raising Heights
- 6.12 – Levelling - Ramps & Falls
- 6.13 – Coving
- 6.14 – Quality Finish Indicators

Task 4 – Set Out Work Area

- 4.1 – Setting Up Mix Area
- 4.2 – Taping

Task 5 – Prepare Subfloor System

- 5.1 – Checking Conditions
- 5.2 – Personal Protective Eq. (PPE)
- 5.3 – Mixing

Task 7 – Complete Housekeeping

- 7.1 – Duties
- 7.2 – Disposing of Waste



Unit 5: Mix and apply thin-film rollcoat resin flooring systems (MSFFL3072)

Task 1 – Workplace Health & Safety

- 1.1 – General Site Safety
- 1.2 – Job Safety & Environment
- 1.3 – JSEA Example

Task 2 – Prepare for Work

- 2.1 – Product Selection
- 2.2 – Supplier Instructions
- 2.3 – Supplier Instructions Example
- 2.4 – Product Familiarisation
- 2.5 – Project Planning
- 2.6 – Tools
- 2.7 – Work Orders & Worksheets

Task 3 – Prepare Substrate

- 3.1 – Concrete Surface Profiles
- 3.2 – Substrate Checks

Task 4 – Set Out Work Area

- 4.1 – Setting Up Mix Area
- 4.2 – Taping

Task 5 – Prepare Rollcoat System

- 5.1 – Checking Conditions
- 5.2 – Personal Protective Eq. (PPE)
- 5.3 – Mixing

Task 6 – Apply Rollcoat System

- 6.1 – Basecoat Application
- 6.2 – Topcoat Application
- 6.3 – Quality Finish Indicators

Task 7 – Complete Housekeeping

- 7.1 – Duties
- 7.2 – Disposing of Waste
- 7.3 – Handover to Client



Unit 6: Mix and apply thin-film broadcast resin flooring systems (MSFFL3073)

Task 1 – Workplace Health & Safety

- 1.1 – General Site Safety
- 1.2 – Job Safety & Environment
- 1.3 – JSEA Example

Task 2 – Prepare for Work

- 2.1 – Product Selection
- 2.2 – Supplier Instructions
- 2.3 – Supplier Instructions Example
- 2.4 – Product Familiarisation
- 2.5 – Project Planning
- 2.6 – Tools
- 2.7 – Work Orders & Worksheets

Task 3 – Prepare Substrate

- 3.1 – Concrete Surface Profiles
- 3.2 – Substrate Checks

Task 4 – Set Out Work Area

- 4.1 – Setting Up Mix Area
- 4.2 – Taping

Task 5 – Prepare Broadcast System

- 5.1 – Checking Conditions
- 5.2 – Personal Protective Eq. (PPE)
- 5.3 – Mixing

Task 6 – Apply Broadcast System

- 6.1 – Flake Basecoat Application
- 6.2 – Flake Broadcast
- 6.3 – Flake Preparation
- 6.4 – Flake Topcoat Application
- 6.5 – Non-slip Basecoat Application
- 6.6 – Non-slip Broadcast
- 6.7 – Non-slip Topcoat Application
- 6.8 – Quality Finish Indicators

Task 7 – Complete Housekeeping

- 7.1 – Complete Housekeeping
- 7.2 – Disposing of Waste
- 7.3 – Handover to Client