

## Short Course 1:

### I want to know more about...surface preparation












#### Introduction

A short course on everything that needs to be taken care of before an epoxy floor is applied. We take a look at dealing with issues such as oil/grease contamination, concrete porosity, moisture and flatness, and include a detailed overview on grinding and other forms mechanical profiling.

#### Learning Objectives

- Understand the different types of substrate issues and how they're commonly addressed (Substrate Assessment).
- Understand the objectives of surface preparation (Substrate Preparation).
- Become familiar with the various methods of mechanical profiling and their suitability for the different types of epoxy flooring systems (Substrate Preparation).
- Become familiar with epoxy mortars and levellers, and the roles they play in substrate repair (Substrate Repair).
- Become familiar with primers and sealers, and the roles they play in surface preparation (Substrate Priming).

#### Content

1. Floortick Turning Your Current Floor Into a Resin Floor 
2. Epoxy School Porous Slab Discussion 
3. Epoxy School Surface Preparation 
4. Floorex Surface Preparation Summary 
5. Epoxy School Grinding Demonstration 
6. Epoxy School Why Sand a Basecoat Discussion 
7. Epoxy School Epoxy Mortars 
8. Epoxy School Patching a Slab Demonstration 
9. Epoxy School Epoxy Floor Leveller 
10. Epoxy School Primers and Sealers 
11. Epoxy School Sealing a Slab 

#### Not Covered/Recommended Additional Learning

- Wetspaces and waterproofing, e.g. showers, bathrooms.
- Transitions to other flooring surfaces.
- Steps and inclined surfaces.
- Coving.
- Moisture barriers.

### **Theoretical Assessment**

- 1 Multi-choice question and 3 True or False questions on Substrate Assessment.
- 2 Multi-choice questions, 6 True or False questions and 1 Fill the Gap question on Substrate Preparation.
- 3 Multi-choice questions and 3 True or False questions on Substrate Repair.
- 1 Multi-choice question and 3 True or False questions on Substrate Priming.

### **Practical Assessment**

Not included.