

# APPROVED INSTALLER PROGRAM:

## An Introduction to Paving

### Course overview

This course teaches students the correct method of installing and maintaining clay and concrete segmental pavements.

Students will be taught need-to-know design detailing and the construction process of pavement systems. It has been designed for the benefit of new pavers or for those who have not undertaken formal training.

Graduates of this program will be able to install small-scale pedestrian pavements, residential pavements, driveways, and suburban road installations subject to minor traffic.

The Approved Installer Program will equip pavers with the knowledge to install high quality segmental pavements that last the test of time.

### Assessment

The introductory course will require both a theoretical and a practical assessment.

Interim accreditation will be granted to a student if they pass the theory test, and accreditation will be confirmed if they complete the practical assessment requirements within six months of the course.

#### *Theory*

The theoretical component will consist of a set of questions that focus on the main points of the module, with a priority on installation techniques.

Students will be given the test as a take-home exam, which must be completed over a weekend. As the students will have ready access to all of their notes, they will be required to achieve a mark of 85% in order to pass.

#### *Practical*

Students with interim accreditation will be required to submit evidence of their work within 6 months of completing the course, in order to demonstrate their practical.

Evidence will be in the form of a written report that includes photos and/or videos displaying the installation process, and a reflection on their work, prompted by a set of questions.

Students who fail to complete the practical component within six months will have to sit the theory component again.

## 9.00 – 9.50 Session 1

Paver and pavements – explores different paver, base, and pavement types, and the appropriate use of each.

The benefits of pavers – key advantages that paving (including clay and concrete segmental paving, flag paving, and permeable paving) has over competitors.

Assessing the pavement requirements – understanding the nature of sites, the quality of the substrate, and the type of traffic likely to use the pavement.

### 9.50-10.10 Morning Tea

## 10.10-11.45 Session 2

**Design** – understanding the considerations that go into an effective pavement design.

**Site supervision** – knowledge of how site supervisors manage projects and their responsibilities.

**Site preparation** – knowledge of site specific requirements before construction

**Construction and detailing** – how to prepare the substructure, drainage system, bedding sand and laying pattern.

### 11.45-12.45 Lunch Break

## 12.45-14.30 Session 3

**Construction and detailing** – knowledge of cutting pavers using a saw or disc cutter, paver compaction and how to pave in all scenarios.

**Preventing and managing failures** – explores signs that a pavement has been installed incorrectly and provides suggestions on how best to avoid these problems.

### 14.30-15.00 Afternoon Tea

## 15.00-16.00 Session 4

**Maintenance** – explores maintenance procedures to ensure integrity of pavements or can be communicated to councils and other clients to help them to manage their pavements.

**Review and recap**

### 16.00-16.30 Close



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