

Course Description

This course is focused on the use of Natural Slate as the best roofing material. During the presentation we will cover slate production process, applications and performance, as well as how CUPA R&D is helping a traditional business developing efficient, eco-friendly and high-performance solutions using Natural Slate.

1. NATURAL SLATE: THE BEST ROOFING MATERIAL

What is natural slate?

An outline of the basic characteristics and benefits of slate

The production process:

The story of slate - from quarry excavation to roof installation

Natural slate: Composition

A brief description of the chemical and mineral composition of slate

Standards, testing and quality control:

An outline and comparison of the various national and international standards, testing, quality controls and monitoring

Performance issues:

The characteristics and pitfalls of poor quality product

Checklist for problem free slate specification

Fixing terminology

2. R&D IN A TRADITIONAL BUSINESS

2.1. CUPACLAD: FACADE SYSTEM WITH VENTILATED NATURAL SLATE

2.2. THERMOSLATE: THE INVISIBLE SOLAR SYSTEM

3. NATURAL SLATE PROJECTS: PORTFOLIO

At the end of this course, participants will be able to:

Know how roofing slate is produced, *'From the quarry to the roof'*

1. Identify slate quality and detect potential problems. What do you need to ask when using slate in a project?
2. Know about ventilated facades systems with Natural Slate: CUPACLAD from a technical and practical point of view.
3. Know the only invisible Thermal Solar Panel with Natural Slate: Innovation, Performance & Tradition.