

## **RECOMMENDATIONS FOR USE**

It is important to note that the finished appearance of a slate roof depends on the preparatory work done previously. Not only depends during the slate production process, but also depends on the design of the roof or facade, selection chosen by the customer and of course the correct installation of the wood, insulation and the slate.

It is necessary to remember that the installation of the slate must be done according with the different regulations in force.

Here are some recommendations for the correct installation of the slates.

### ***Selection of slates***

Even our strict classification criteria throughout the production process, we must not forget that slate is 100% natural product, and depending on the selection chosen by the customer there may be small variations in the thickness of the slate. For this reason, before proceeding with the installation, we recommend doing a prior selection process, classifying the slate into at least 3 groups based on thickness.

The use of the thickest slate is recommended in the areas close to the eaves and as you advance towards the summit, use the thinner slates.

Each slate must be treated as an individual item. One slate can be adapted by his characteristics better to one area than another. A correct selection is essential to obtain an attractive aesthetic result.

### ***Slate perforation***

Although the quarry supplies normally the slate already holed, there are cases in which it is necessary to hole the slates during their installation. Slate must be holed with an appropriate machine, being well supported to avoid breakage and always must be drilled from the rear. Sometimes when a few slates need to be drilled, can be done with a specific slate hammer during the roof fixing process. This process must be carried out by qualified personnel and taking special care to avoid excessive breakage.

### ***Slate cutting***

Any machine used to cut slate must be approved, and have regular maintenance and adjustment so that the cut of slate is uniform.

### ***Safety recommendations***

During the installation work in the roof, all current occupational safety regulations must be observed.

Although slate is 100% natural product, dust can occur during cutting and drilling work, so if the ventilation is not adequate, the use of dust masks as well as the use of protective glasses is recommended

When handling the slate, it is recommended to use protective gloves to avoid cuts.

Working on a sloped roof is a dangerous environment. Therefore in addition to adequate scaffolding, the operator must use an approved harness and have access to ladders and safety roof boards.

### ***Storage***

The slate is packaged in wooden boxes that protect the product during transport and storage. Correct storage is recommended and do not stack pallets at more than two heights