CUPACLAD

MAINTENANCE, STORAGE AND HANDLING MANUAL

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/ MAINTENANCE

CUPACLAD® rainscreen cladding system require minimum maintenance. However, buildings where the CUPACLAD® systems have been installed must be **visually inspected** regularly for any damages to the slates, in order to ensure continued performance.

In general terms, the following actions should be considered towards a correct maintenance of the CUPACLAD® rainscreen cladding systems:

• **Annual maintenance** inspections should be carried out to ensure that no slates are damaged, the ventilation protection mesh, gutters and downpipes are clear and in a good state, and that such features as flashings and seals are in place and secure.

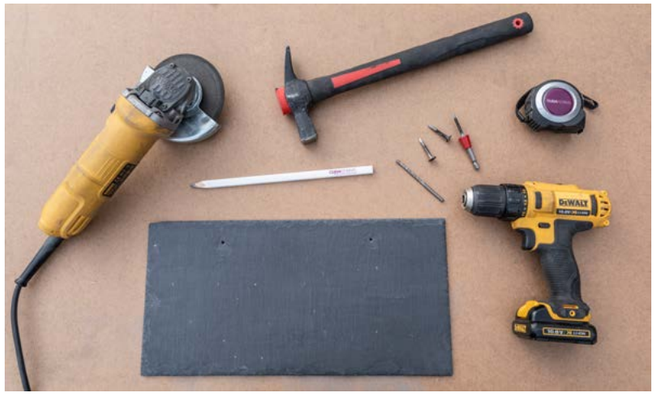
• **Cleaning** of several forms of pollution can be performed as defined:

- **Air pollution** (dust, dirt, soot, etc.) – clean with water solution.
- **Natural pollution** (moss, algae) – clean with water solution.
- **Graffiti** (spray cans) – clean with acetone or Duplicolor Graffitti-Ex, always following the instructions provided by the furnisher.

When detected, **damaged slates** must be replaced as soon as practicable.
The replacement procedure of slates differs depending on the CUPACLAD® system installed. The corresponding instructions are specified in the sections below.

/ CUPACLAD® 101

Required tools to replace a slate in CUPACLAD® 101 system:



- **1 x** slate:
  - CUPACLAD® 101 Logic (40x20 cm)
  - CUPACLAD® 101 Random (50x25, 50x20, 50x15 cm)
  - CUPACLAD® 101 Parallel: 40x25 cm
- **2 x** screws
- **1 x** hammer
- **1 x** saw
- **1 x** drill (Ø4 mm)

REPLACEMENT OF A DAMAGED SLATE IN CUPACLAD® 101 SYSTEM_

Break the damaged slate

With a hammer, remove the broken pieces of the slate

Cut the screws holding the broken slate with the saw

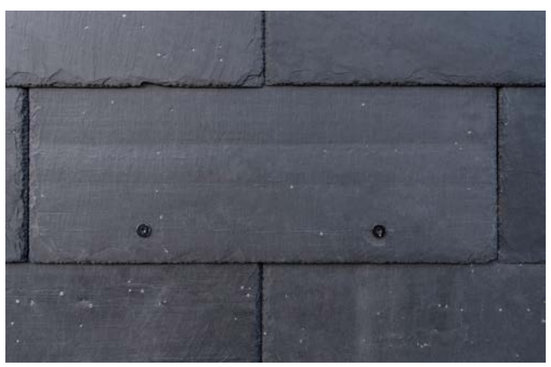
4

Place the new slate with the help of a hammer

5

Drill a hole in each corner of the slate with a Ø 4 mm drill
- 20mm from the bottom
- 75 mm from the lateral (right and left)

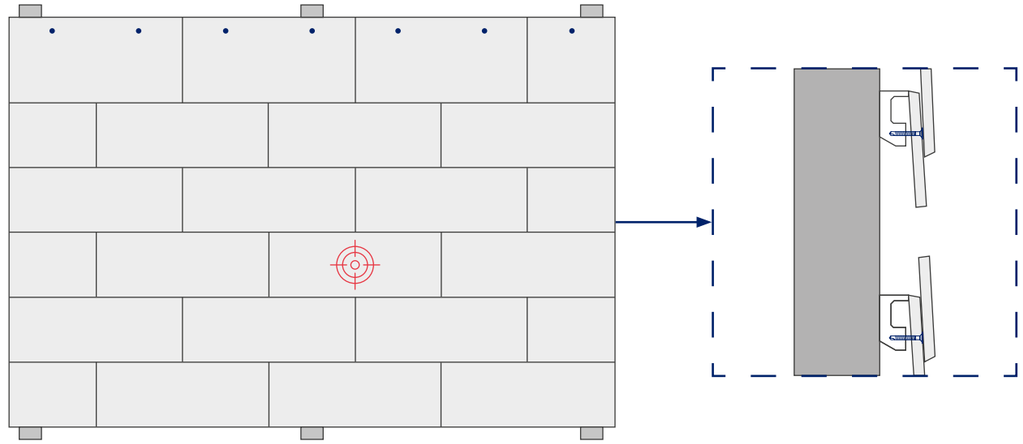
6



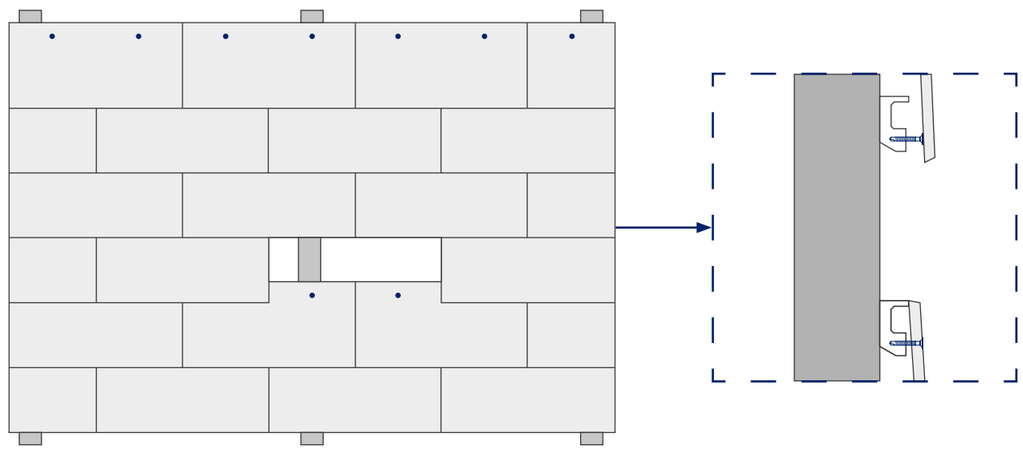
Fix the slate with 2 new screws lacquered in black

/ CUPACLAD® 101 SLATE REPLACEMENT

1 Identification of the damaged slate

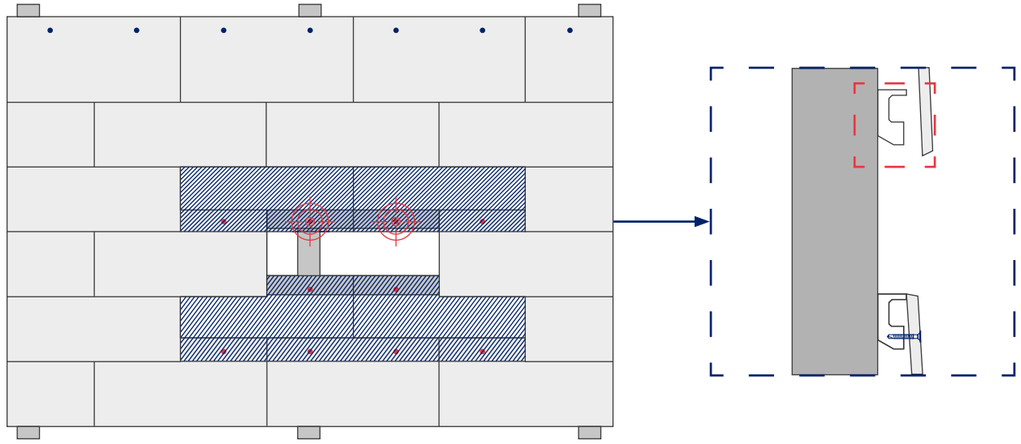


2 Removal of slate piece

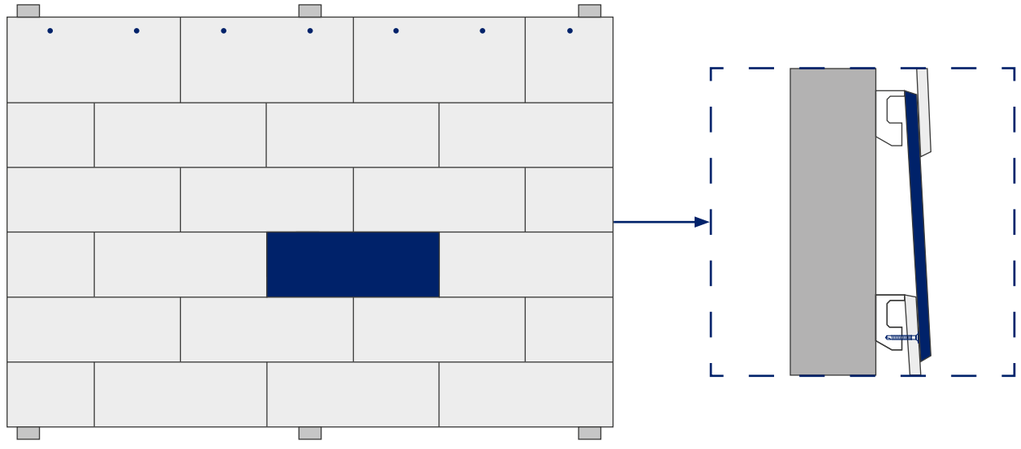


/ CUPACLAD® 101 SLATE REPLACEMENT

3 Location and removal of screws that fixed the damaged slate

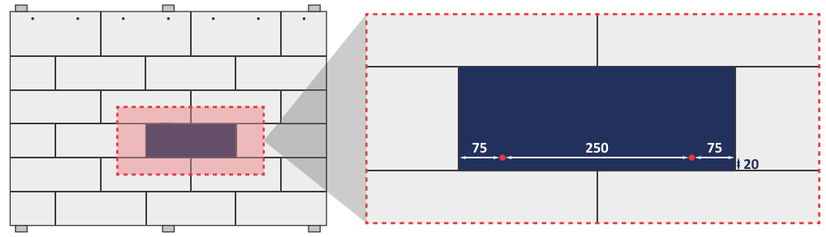


4 Placement of the new slate

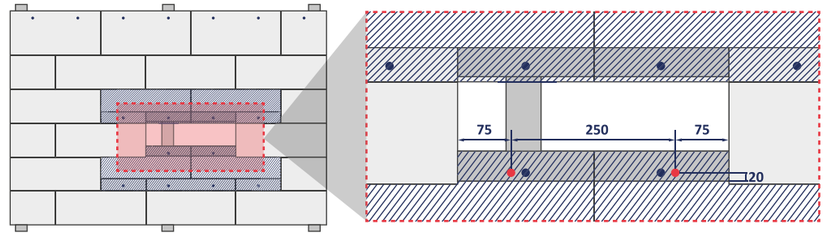


/ CUPACLAD® 101 SLATE REPLACEMENT

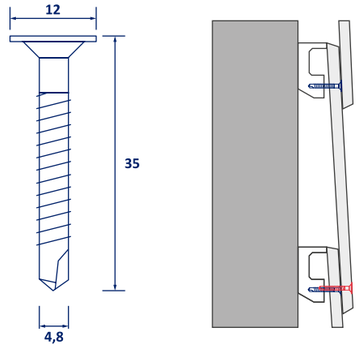
The most convenient option would be to fix the new slate in its bottom edge, following the instructions of the next drawing:



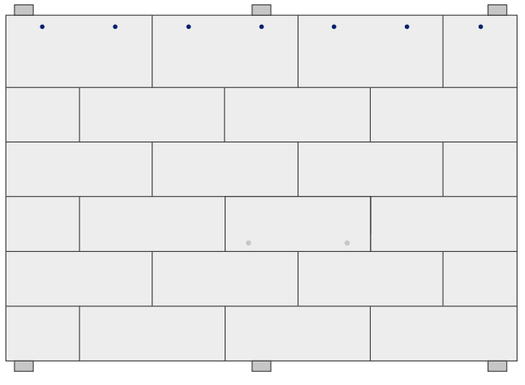
Thus, after placing the new slate in its position, two holes must be drilled 20 mm from the edge of the bottom slate. Additionally, an offset of 75 mm from the left lateral edge must be kept.
The 20 mm distance will allow for a correct fixing of the slates onto the horizontal rail. Also, the 75 mm offset will allow avoiding the screws in the slate below (fixed in the same horizontal rail).



The CUPACLAD® 101 Parallel screw (length of 35 mm) must be used to achieve a correct fixing. The slate-rail distance is higher, since these screws must fix two slates instead of one, as depicted in the drawings below:



As correctly specified in the proceeding, these new screws can be hidden whether using a lacquered screw.



/ CUPACLAD® 201

Required tools to replace a damaged slate in CUPACLAD® 201 system:

- **1 x** slate 60x30 cm
- **2 x** clips
- **1 x** hammer
- **1 x** pliers

REPLACEMENT OF A DAMAGED SLATE IN CUPACLAD® 201 SYSTEM_

Break the damaged slate. With a hammer, separate the broken pieces of the slate and remove them.

REPLACEMENT OF A DAMAGED SLATE IN CUPACLAD® 201 SYSTEM_

Open clips to avoid the adjustment of the new slate.

Introduce a new one slate piece.

Close the clips

/ STORAGE

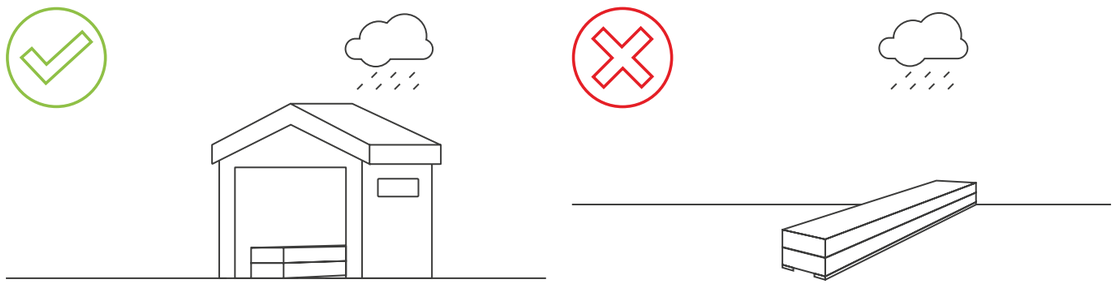
1. Pallets of slates **must be stored** on level ground and not stacked. They can be kept outside or under a roof.

   They are delivered to site in **wooden crates** (1200 x 700 x 650 mm). Each crate carries both the CE marking and the product label, displaying origin (quarry name, slate size, shape and quantity of products, and a production traceability bar code).

2. Packs of **rails** must be stacked horizontally on enough bearers to prevent distortion, and a maximum of 2 packages (8 boxes each one) can be stored on top of each other.

   Horizontal and vertical rails are delivered to site banded onto **wooden pallets** with ancillary items in separate **cardboard boxes**. Thus, the storage of these goods must be done in a safe weatherproofed space.

3. Screws and clips boxes and aluminum profiles must be stored in a safe weatherproof space to avoid damages.

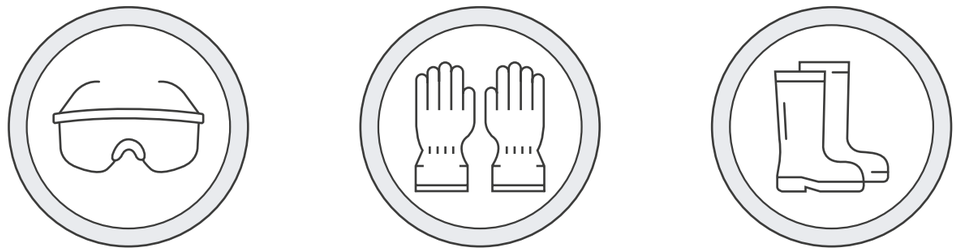


/ HANDLING

1. **Slates** should be handled with care to avoid damage or breakage.

2. When handling **rails**, care should be taken to avoid injury from sharp edges.

3. Good site practice should be observed to prevent damage to the slates and ancillary components. Protective clothing should be worn as required, and all Health and Safety rules observed.



CUPACLAD

NATURAL SLATE RAINSCREEN CLADDING SYSTEMS

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