

RECONSTRUCTION AND RESTORATION OF DECORATIVE ELEMENTS

Restoration of plaster, decorative and wooden elements

APPLICATION DATA SHEET

The restoration and recovery of decorative elements involves the integration of stucco and moldings and the gluing of detached parts:

1. Integration of stucco and moldings;
2. Bonding of detached parts;

POSSIBLE ALTERNATIVES

As an alternative to Limepor SK it is possible to use: Limepor EDO, based on natural hydraulic lime with max grain size 0.6 mm or mortar based on natural hydraulic lime Tectoria FINITURA, totally free of cement with max grain size 1 mm.

1) INTEGRATION OF STUCCO AND MOLDINGS

After careful removal of loose material, regularization of the edges of the gap and removal of the unanchored or degraded parts with the aim of producing a rough surface that facilitates the subsequent anchoring of the additional materials. Where required by project specifications, a supporting framework will be installed in order to prevent the stucco from deforming under its own weight or from adhering imperfectly to the support.

The integration can be followed with mortars based on natural hydraulic lime Limepor PMP, for successive layers. In order to reconstruct the moldings of the frames, it will be necessary to prepare a template that must reproduce in negative the profile of the frame to be restored or that takes as a reference edges and/or recesses previously made.

The modeling of the mortar with the templates must be done when the mortar begins to set but is still modelable. The shaping of the section can be done with the help of the trowel (the joints will be filled first, bringing them to the level of the surface of the brick, then a thin layer of plaster will be spread) or with other suitable tools.

Subsequent finishing with ready-to-use lime-based stucco Limepor SK.

2) BONDING OF DETACHED PARTS

Bonding of detached parts can be done by applying Kimitech EP-TX thixotropic two-component epoxy resin.

If fragments or larger portions need to be re-adhered, it will be preferable to insert Kimitech TONDO VR fiberglass reinforcement bars to be grouted with an appropriate resin.