

## EASYSTOONE CONSOLIDATE

Easystoone Consolidate is a nano-system in aqueous solution with consolidating and protective effect on the architectural heritage. It is also effective in relation to problems caused by environmental changes. It has high water-repellent properties and protects the artefacts also from pouring rain. It has high breathability characteristics allowing the support to breathe naturally. It is resistant to the proliferation of moss, mould and algae.

Easystoone Consolidate is characterized by excellent smoothness and remarkable versatility which, combined with a deficient dirt intake, make it the ideal product for use on any historical or modern artefact which needs high protection, even when exposed to aggressive environmental chemicals. The product penetrates the support by capillary absorption, consolidating and protecting it from crumbling due to the disruptive action of soluble salts of the masonry, acid rain, freeze-thaw cycles and atmospheric events.

### **Preparation of the supports**

The surfaces to be treated must be dry and free from capillary rising damp phenomena.

Carefully clean the surfaces to remove all traces of dust, dirt, grease or efflorescence. For cleaning, preferably use the Easystoone Clean product with the Easystoone SAT application technology. In case of applications on particularly brittle materials, it is advisable to consolidate the support with Easystoone Consolidate previously, then carry out the cleaning operations and conclude with the final consolidation. Restore the substrate using suitable repair mortars, grouting any cracks over 1.0 mm thick. Before application, protect and cover all glass, plastic, wood, marble or in general all sensitive surfaces. Protect the substrate from sunlight before applying the consolidant. The application carried out on particularly hot substrate speeds up the evaporation process and hinders the correct penetration of the consolidant into the structure of the support.

### **APPLICATION**

Make a test before application on a limited area to check the state of substrate, the consumption of the product or any abnormal discolouration. Homogenize Easystoone Consolidate by manually shaking before use. The product is ready for use and can be applied by brush or by low-pressure sprayer. Distribute the product homogeneously until the substrate is thoroughly impregnated. Depending on the object to be consolidated, the product can also be applied by dipping. Apply the product in several consecutive and continuous passes ensuring a correct treatment dosage for all the surfaces concerned until the saturation of the substrate. If necessary, it is possible to carry out a second cycle at least one week after the first application. If the second consolidation cycle is carried out before the formation of the active substance, the material would not be able to absorb further product, with the consequent formation of halos and surface stains.

## **ADVANTAGES AND BENEFITS OF THE PRODUCT**

The product allows the permeability of the treated structure, the breath of the substrate and excellent dirt resistance.

## **TOOLS CLEANING**

All tools must be cleaned with water.

## **INDICATIVE CONSUMPTION**

The consumption of the product depends on the absorption of the substrate. It can vary from 0.15 to 1.5 kg per m<sup>2</sup>. Always carry out an application test to ascertain the product consumption for the specific substrate.

## **AVAILABILITY**

### **Range of colours**

The product is colourless.

### **Package**

The product is available in 5 kg bucket and 25 kg bucket.

## **WARNINGS**

Avoid application with temperatures below + 10 °C, in the presence of strong wind, rain, in direct sunlight or above + 20 ° C. Protect the substrate from sunlight before applying the product. Protect the artefact from freezing and rain for the first 72 hours after application. For outdoor spray applications, be very careful not to splash parked cars. Before product application, protect and cover all glass, plastic, wood, marble and all sensitive surfaces. Under standard application conditions (+ 20 °C, 50% R.H.), the final hardness is reached after a week. The product does not contain hydrophobic additives such as silanes or siloxanes.

VOC product not subject to the limitations of emissions of volatile organic compounds due to the use of solvents in paints and varnishes as provided for by community directive 2004/42/EC. This product contains max. 30 g / l VOC.