

OH100 CONSOLIDATION TREATMENT

Penetrating stone & masonry strengthener

To restore the structural integrity to crumbling, decaying masonry and/or provide a means of controlling future decay.

DESCRIPTION AND USE

Conservare OH100 is a ready-to-use consolidation treatment that stabilizes masonry by replacing the natural binding materials, lost due to weathering, with silicon dioxide. When properly applied, Conservare OH100 penetrates deeply and retains the substrate's natural vapor permeability.

In addition it acts as an effective pretreatment for crumbling substrates that need to be strengthened before cleaning, patching, or coating. Conservare OH100 may be used on most types of natural stone, concrete, stucco, brick, terra cotta, etc.

PREPARATION

Protect people, vehicles, property, metal, glass, foliage, painted surfaces and all non-masonry surfaces from contact with product.

The Importance of Pretesting

Each conservation project poses unique problems and requirements. To gain a full understanding of the ongoing deterioration and determine necessary stabilization/conservation measures, a number of laboratory and field tests are required.

Surface Preparation

Surface to be clean and free of contaminants

Surface & Air Temperatures

Surface and air temperatures should be between 50°F - 90°F during application.

APPLICATION

Application Instructions

Apply by low-pressure spray, brush or dipping. Larger surfaces should be treated using low-pressure spray equipment, small areas with spray tanks. Mobile objects such as sculptures are best treated indoors by dipping or with the use of compresses.

Ensure proper penetration and prevent crust formations by applying Conservare OH100 in repeated applications referred to as "cycles." A cycle consists of three successive saturating applications at 5-15 minute intervals.

Typical treatments involve two or three cycles (6-9 separate applications). Allow 20 to 60 minutes between cycles. Additional material should be applied until excess material remains visible on the surface for 60 minutes following the last application. Once this degree of saturation is achieved, the first treatment is complete. Immediately flush excess surface materials using industrial grade MEK (methyl ethyl ketone) or mineral spirits.

SAFETY INFORMATION

Product contains ethyl alcohol, ethyl silicate, organic tin compound D in butyltindilaurate and is considered extremely flammable. MSDS and Spec Data sheets should be referred to prior to use.



COVERAGE & PACKAGING

Substrate	Type	Use?	Coverage
Concrete	Brick	yes	Determine via onsite test panels
	Tile	yes	
	Precast Panels	yes	
	Pavers	yes	
Fired Clay	Brick	yes	Determine via onsite test panels
	Tile	yes	
	Terra Cotta	yes	
	Pavers	yes	
Granite	Polished	no	N/A
	Unpolished	yes	Determine via onsite test panels
Marble Travertine Limestone	Polished	no	N/A
	Unpolished	yes	Determine via onsite test panels
Sandstone	Unpolished	yes	Determine via onsite test panels
Slate	Unpolished	yes	Determine via onsite test panels

Available in 5 and 55 gallon containers

OH100