

# Protectosil® WS 770 P

Paste-like, ready to use injection agent for protection against rising damp in masonry

## Technical Data

Properties and test methods	Value	Unit	Method
Appearance:	white paste	-	-
Active ingredient concentration:	70	%	-
Density	0.90	g/cm <sup>3</sup>	DIN 51757

## Registration

### Protectosil® WS 770 P

DSL/NDSL (Canada):	No
PICCS (Philippines):	*
TSCA (USA):	Yes
IECSC (P.R. China):	*
ENCS (Japan):	Yes
ECL (South Korea):	Yes
EINECS/ELINCS (EU):	Yes
AICS (Australia):	No
* info upon request	

Highly effective silane-based cream that can be applied into masonry in order to form a horizontal barrier against rising damp.

## Safety and Handling

Before considering the use of Protectosil® products please read its Safety Data sheet (SDS) thoroughly for safety and toxicological data as well as for information on proper transportation, storage and use. The Safety Data Sheet is available on our website [www.protectosil.com](http://www.protectosil.com) or upon request from your local representative, customer service or from Evonik Operations GmbH, Product Safety Department, E-MAIL [sds-hu@evonik.com](mailto:sds-hu@evonik.com).

## Packaging and Storage

Protectosil® WS 770 P is supplied in 25 l containers and 200 l drums.

Protectosil® WS 770 P is not frost resistant and should be stored at temperatures between 3 °C and 40 °C.

Protectosil® WS 770 P has a shelf life of 12 months when stored in originally sealed containers. Once opened product should be consumed within 3 months.

## Properties and Use

Protectosil® WS 770 P is a ready-to-use injection agent which is applied into masonry in order to create a horizontal barrier against rising damp.

Protectosil® WS 770 P is applied by pressureless injection by using a device such as a cartridge gun for example. In order to correctly apply Protectosil® WS 770 P, holes need to be drilled in the masonry. The recommended distance between drill holes can vary depending on the absorbency of the substrate. The standard recommendation however is a distance of 10 cm. The drilling depth of the holes depends on the thickness of the wall. A remaining thickness of at least 5 cm should always be assured. Before Protectosil® WS 770 P is injected, holes must be cleaned from dust. For a proper function of the horizontal barrier the complete penetration/saturation of the brick work in the barrier zone is an essential requirement. The required consumption rate in order to achieve an effective protection can vary as it has to be based on the absorbency of the treated masonry.

Protectosil® WS 770 P has several benefits based on its product properties:

- Easy to apply
- Long lasting protection against rising damp
- Reduced maintenance costs
- Water-based
- WTA certificated (listed as an effective barrier against rising damp by injection at high moisture content (> 95%))

## Processing

Masonry treated with Protectosil® WS 770 P should be given time to dry for at least 24 hours. During this time it should be protected against contact with water.

Non-absorbent substrates such as window frames, plastic fittings, window glass etc. should be protected against contact with the product. Surfaces that accidentally come into contact with Protectosil® WS 770 P can be cleaned with alcohol (spirit) or aqueous soap solutions. Cleaning should be carried out as quickly as possible (within a few hours). Silicon resin films are best removed using ethanol or spirit. Plant life should be protected against contact with Protectosil® WS 770 P.

In order to evaluate the appropriate consumption rate of Protectosil® WS 770 P as well as the compatibility with potential pre- and/or post-treatment conditions, we recommend the preparation of a small test area first.



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