
BETONI-PEITTAUSLIUOS

Etching liquid

PRODUCT TYPE USAGE

BETONI-PEITTAUSLIUOS Etching Liquid is an acidic, emulsifying washing liquid for etching concrete floors. BETONI-PEITTAUSLIUOS Etching Liquid is a quick and easy way to remove laitance from the surfaces to be painted.

BETONI-PEITTAUSLIUOS reacts with the alkali concrete laitance, which neutralizes the containing hydrochloric acid. The reaction will form water and salts, that can be rinsed off with water. BETONI-PEITTAUSLIUOS contains also an emulsifier that will add to the product's cleaning ability.

BETONI-PEITTAUSLIUOS and the following water rinse will remove from the concrete floor the laitance and the dirt, surface grease and chalk-salts that would hinder the painting. The product will not remove grease and oil that has absorbed into the pores, but they are to be removed e.g. by sanding or grinding. The product is not suited for washing previously painted surfaces. BETONI-PEITTAUSLIUOS is also suitable to use for cleaning brick, tile, stone and wooden surfaces from concrete and plaster remnants after plastering and grouting.

TECHNICAL DATA

pH: below 1; contains hydrochloric acid

Colour : red

Dilution: dilute by water in proportion 1 : 1.

BETONI-PEITTAUSPESU Etching Liquid is always to be added into the water, to prevent the mixture from heating up and splashing.

SAFETY MARKINGS

See Material Safety Data Sheet.

DIRECTION FOR USE**Surface preparation**

Etching concrete surfaces: BETONI-PEITTAUSLIUOS is to be diluted in a plastic container with water in proportion 1:1. Metal containers will corrode by the effects of the acid. The washing solution is to be poured evenly on the floor by a watering can equipped with sprinkler. Thus the laitance will dissolve frothing strongly. To help the solution to spread evenly use a brush. If the laitance is thick use more of the solution. Diluted washing solution is needed about 0.5 - 1.0 l/m².

Leave BETONI-PEITTAUSLIUOS to have effect for about 5 min, whereafter the formed neutral salt solution is brushed into the floor drain. Otherwise collect the silt into a bucket by the help of dustpan and rubber trowel. The etched area is to be rinsed immediately with water and the water is to be collected away. When the floor has dried for 2 - 3 days, it is ready to be painted.

Washing brick surfaces: The area to be washed is to be wetted with water before applying the washing solution, lest the solution should absorb into the brick. BETONI-PEITTAUSLIUOS diluted with water in proportion 1 :1 is applied by brush onto the area to be washed. Leave the washing solution to take effect for 5 - 10 min, thereafter rinse with water.

Washing tile surfaces: BETONI-PEITTAUSLIUOS is to be diluted with water in proportion 1 : 1 or 1 : 2. Wash the tiles with a cloth wetted in the washing solution one by one, so as the solution would not get into the seams and corrode them. In the end thorough rinse with water is to be done.

PROTECTIVE EQUIPMENT

It is recommended that the user is wearing protecting rubber boots, gloves and eye protection. As the washing agent is acid, it can corrode textiles.

From the product evaporates acid fumes that are irritant. While working take care to have sufficient ventilation or use suitable respirator mask.

FIRST AID

Acid splashes on the skin: Wash skin with soap and water or cleaning emulsion and apply skin cream.

Acid splashes into the eyes: Irrigate immediately with water for about 15 minutes. Seek medical attention if need be.

The information of this data sheet is based on laboratory tests and practical experience. The figures are for guidance only and depend on, for example, colour and gloss. As we have no control over the use and application conditions, we are only responsible for the quality of the product and guarantee that it conforms to our quality control. We accept no liability for any loss or damage resulting from the application of the product contrary to the directions or the intended use. The latest versions of our data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.
