

# RENSA ETCHING

## Etching liquid

RENSA ETCHING is an acidic, emulsifying washing liquid for etching concrete floors.



RENSA ETCHING etching liquid is used for removing of dirt and laitance from unpainted concrete surfaces before painting. Etching liquid reacts with the alkali concrete laitance, which neutralizes the containing methanesulfonic acid. The reaction forms water and salts, that can be rinsed off with water. RENSА ETCHING contains also an emulsifier which improves its cleaning ability.

RENSA ETCHING and the following water rinse remove from the concrete floor laitance and dirt as well as surface grease and chalk-salts that would hinder the painting. The product will not remove grease and oil that has absorbed into the pores, which are to be removed e.g. by sanding or grinding. The product is not suited for washing previously painted surfaces.

RENSA ETCHING meets the requirements by OECD and by the Detergent regulation of European Parliament and the Council on detergents for biodegradability (OECD 301B, EC 648 / 2004).



## TECHNICAL DATA

<b>Certificates, approvals and classification</b>	OECD 301B, EC 648 / 2004
<b>Fields of application</b>	Floors
<b>Recommended substrate</b>	Concrete
<b>Practical spreading rate</b>	Approx. 10 m <sup>2</sup> / 1 l undiluted detergent. Dilution: 1:2 (1 litre of solution to 2 litres of water).  Absorption of the surface, dirtiness, air humidity etc. factors affect considerably on the spreading rate.
<b>pH</b>	1
<b>Storage</b>	Must not freeze.
<b>Packaging</b>	1 l, 5 l, 10 l. Availability varies by country.

## DIRECTION FOR USE

### Application

Dilute with water in ratio 1:2 (1 litre of solution to 2 litres of water).

Use a plastic container for dilution. Metal containers will corrode by the effects of the acid.

RENSA ETCHING must always be added to water when diluting. This will prevent the mixture from heating up and splashing.

### ETCHING CONCRETE SURFACES

Diluted RENSA ETCHING is to be poured evenly on the floor by a watering can equipped with a sieve. Ensure even spreading by brushing. Laitance will dissolve frothing strongly. If the laitance is thick use more of the solution. Washing solution is needed about 0.3 l/m<sup>2</sup>.

Leave RENSA ETCHING to effect for about 5 min, whereafter the formed neutral salt solution is brushed into the floor drain. Otherwise collect the silt into a bucket using a 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.

## HEALTH AND SAFETY

### Safety and precaution measures

#### Protection:

Use protective gloves and clothing as well as eye protectors.

May cause respiratory irritation. While working take care of sufficient ventilation or use a suitable respirator mask.

#### First aid

Splashes on skin: Rinse carefully with water for at least 10 minutes.

Splashes in eyes: Rinse immediately with plenty of water for at least 10 minutes. Seek medical care, if needed.

More information from product's safety data sheet: [www.teknos.com](http://www.teknos.com).

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