

CONCRETE FLOOR WASH

Concrete floor acid etching

No. TD : C-002
Revision : 00
Effective date : 22/09/2020

PRODUCT DESCRIPTION

CONCRETE FLOOR WASH is an etching solution designed to clean and degrease bare concrete surfaces to improve penetration and adhesion of coatings, paints, stains and sealants. It is suitable for interior and exterior use and is safe to use near grass and plants. **CONCRETE FLOOR WASH** is suitable for use on bare concrete surfaces, including garage floors, basements, driveways, carports, walkways. Do not apply to concrete that has already been stained, sealed or coated.

ADVANTAGES

- Properly prepares surface for coating, painting or staining
- Promotes maximum adhesion of concrete coatings & stains
- Removes efflorescence

Limitations

Do not apply to concrete that has already been sealed, painted or stained as it will not etch the surface.

TECHNICAL DATA

Composition	: Urea hydrochloride
Specific gravity	: 1.05 gr/cc
Packaging	: 1 liter
Thinner/ clean up	: Clean water
Thinning ratio by volume	: 100 %
Recommended Material consumption	: 0.25 liter/m ²
Drying time	: Allow to dry 24 hours before coating, sealing or staining (30°C)
Application temperature	: 25 – 35°C
Humidity	: Maximum 80 % RH
Storage Stability	: One year in cool and dry storage and in original not opened container

INSTRUCTION FOR USE

Surface Preparation

Proper surface preparation is required. Surface must be clean, dry, sound and free from all contaminants. Allow new surfaces to cure 30 days, make sure moisture content of wall ≤ 16 % measured using Protimeter appliance and wall alkalinity (pH) 7 – 8 measured using Universal pH indicator. Remove all loosen material or paint residue through brushing and scraping using fibre brush. Repair defect with suitable materials.

Uncoated Concrete or Masonry Surfaces: Clean and etch surface using Concrete Floor Wash to achieve texture profil similar to 150 grit sandpaper. **Previously Coated Surfaces:** use a paint stripper to remove old coating or scrape/sand down to a sound concrete surface. Scuff sand glossy surfaces. Clean and etch any exposed concrete. Remove all dust with clean water, allow to dry.

Application Procedure

Item	Product and Tools	Coating amount
Thinning and mixing	: Slowly add 1 liter of Concrete Floor Wash to 1 liter clean water in plastic can (2 liter total). Stir well	
Application	: Apply liberally to cover the floor using spraying plastic can. Just enough is not enough : Scrub the solution around with a stiff bristle broom. Bubbling at the water/concrete interface should be evident the product is working. Allow to stand for 15- 30 minutes, : Wash with liberal quantities of clean water : Ensure that no residual acid remains on the concrete, as it may adversely affect the concrete, the bond strength of the coating and corrode any underlying reinforcing steel. : Remove dust and debris prior to painting. Ensure surface is dry - moisture content must be less than 16% using Protimeter appliance and alkalinity (pH) 7 – 8 measured using Universal pH indicator	0.5 – 0.6 lt/m ²

CLEANING

All tools and equipment should be removed with soap water, rinse again with clean water immediately after use. Hardened material can only be removed mechanically.

SAFETY PRECAUTIONS

Concrete Floor Wash is an acid liquid, non flammable and does not contain heavy metals in its materials such as lead. Avoid contact with skin and eyes. Avoid contact with metal substrate. Do not inhaled. Wear suitable protective equipment such as goggles, dust mask and gloves. For more information refer to material safety data sheet (available upon request).

First Aid

- Skin contact : Rinse under plenty of water immediately. Seek medical advice if irritation persists
- Eye contact : Wash off under plenty of water immediately. Seek medical advice if irritation persists
- Inhalation : Take the person out to get more fresh air, loosen collar and avoid exertion. Keep him rested and help using breathing apparatus.