

## Betonal

For dissolving solid concrete and rust for equipment maintenance

### Description :

- **BETONAL** is transparent liquid containing deluded acids.

### Fields of Use:

- Remove and shreds rust, mineral deposits and lime stone layer in cooling towers, heat exchanger units, boilers, water pipes, etc.
- Equipment maintenance.
- Cleaning of metal windows and door frames.
- Cleaning of flooring

### Advantages:

- Does not harm copper pipes and painted surfaces.
- Simplifies inspection process of pipe system because it reveals the weak spots that the lime hides
- It is most effective by immersion and dissolves solid concrete and rust.
- It dissolves concrete without the need for any manual cleaning and so eliminate damage to machinery and equipment.
- It dissolves the heaviest rust from equipment's while the good varnish remains unaffected. In cases where paint is under - rusted or weather - worm, this paint will be dissolved too.
- It generates a phosphate coating on cleaned material which gives temporary rust protection.
- It is economical and avoids hand work compared with traditional cleaning methods for equipment.
- It can be use to rusty rebar under the conditions indicated in the direction for use.

### Technical Data : (at 25°C)

Solid content	63%
Density	1,47± 0,05 kg/l

### Directions for Use: (For Equipment)

- Dilute the highly concentrated **BETONAL** with water (1 : 1 - 1 : 10). According to the state of the surface and degree of rust coherence.
- Immerse each piece of equipment in the diluted **BETONAL** bath.
- Take the pieces completely clean after 30 minutes to 4 hours (depending on kind and size of the solid concrete).
- Equipment which is difficult to be immersed may be treated by spray and brush for one or several times until completely clean.

### Rebar rust treatment method:

- It is taken into account that Petonal is harmful to concrete, so treatment is carried out away from concrete.
- In the event that there is a slight rust that has not started to form rust scales, no treatment is required.
- If rust scales are present, the rebar is treated in the same way as equipment, then washed with clean water.
- Manufacture, installation and pouring of concrete for treated rebar must be expedited. If this is not possible, it is recommended to paint rebar with **Kimapoxy 131**.

### Safety Precautions:

- Application should be carried out in a well ventilated place.
- Gloves, protective clothing and eye goggles should be worn during application.
- Skin contaminations should be immediately cleaned with soap and plenty of water.
- If the material is splashed into the eyes, these should immediately washed with water, and then report to an eye specialist.

### Storage:

- 2 years under suitable storage conditions.

### Packages:

- 1kg, 5 kg and 20kg.