

# BP-ConpacClean

Rust remover, cleaning, etching and release agent

## Description

**BP-ConpacClean** is a water soluble single component liquid chemical product. It is a breakthrough in the nonhazardous removal of unwanted rust from steel bars prior to encasing in concrete / microconcrete. It is also for removal of mortar and plaster runs, droppings and stains from brickwork and concrete surfaces, tools, machinery and equipment, or rust and mill scale from steelwork.

**BP-ConpacClean** eliminates surface rust or unwanted materials without harmful fumes. The product recommends rusted parts to soak overnight. The formula is non-toxic and biodegradable for easy disposal.

## Application Area

**BP-ConpacClean** is strongly recommended for using as a rust or unwanted materials remover from steel bars brickwork and concrete surfaces, tools, machinery and equipment, prior to encasing in concrete / micro-concrete. It can also be used on other steel surfaces prior to coating with epoxy system.

## Advantages

- ✓ Safe on skin
- ✓ No harmful fumes
- ✓ Nonflammable
- ✓ Does not act as a barrier between steel and concrete
- ✓ High coverage rate and easy to use  
Can be applied by brush

## Typical Properties

Property	Value
Component	Single
Form	Liquid
Colour	Light greenish
Specific Gravity	1.16 - 1.22 @ 250C

## Application Guidelines

### For rusted metal (iron base):

Apply **BP-ConpacClean** with brush for complete wetting of rusted metal surface and allowed to react it for 16-24 hours. After 24 hours, a white layer will appear which will protect further corrosion of metal / steel for about 5-7 days. Before applying protective coating, the surface should be wire brushed and thoroughly cleaned for dust with dry cloth.

### Removal of rust and mill scale:

Pre-wet the floors, then using a stiff bristle broom, brush the affected areas with a solution of **BP-ConpacClean** and water. Strength of the solution required will vary but should be between 1 : 1 and 1 : 4.

### Cleaning brickwork:

A small trial area should be cleaned first to determine the most suitable **BP-ConpacClean**

dilution. Pre-wet the brickwork, then using a sponge, rub the affected areas with a solution of **BP-ConpacClean** and water. Strength of the solution required will vary but should be between 1:1 and 1:4. When the action has finished, wash down thoroughly with clean water. Wire brush again to remove remaining loose material and finish by thoroughly washing down with clean water. Repeat if necessary. High degree of rust or scale can be removed by soaking in the **BP-ConpacClean** solution for 60 minutes.

## Packaging

**BP-ConpacClean** is available in 1, 5 and 20 kg containers.

## Coverage

Approx. 2.0 - 2.5 m<sup>2</sup>/kg. But actual coverage depends on the rusted area and the depth of deposition.

## Storage & Shelf-life

12 months from date of manufacture when stored under warehouse conditions in original unopened packing. Extreme temperature / humidity may reduce shelf life.

## Limitations

At temperatures above 35°C, it is recommended that measures are taken to reduce material placing temperatures. These include, storing materials and equipments under cool shade and away from direct sunlight. Avoid installation during the hottest part of the day. Ensure that water temperature is kept below 20°C. Should not be used in unrestrained area.

## Cleaning

Clean all equipments and tools with water immediately after use. Hardened material can be removed mechanically.

## Health and Safety

This product contains cement powders which, when mixed with water or upon becoming damp, release alkalis that can be harmful to skin. During use, avoid inhalation of the dust and contact with the skin or eyes. Gloves, goggles and suitable mask must be worn. Contact with skin, eyes, etc. must be avoided. If swallowed seek medical attention immediately. Regarded as non-hazardous for transportation. Do not reuse containers. To be disposed off as per local rules and regulations.

## Quality & Care

Conpacmix (BD) Ltd acquired German technology for an updated production facility and set up a state of the art laboratory facility for conducting regular quality assessments on raw materials procured and finished products. Process from procurement of raw materials to finished products, are managed by qualified and experienced engineers, chemists and



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technicians.

**Note:** Field service where provided does not constitute supervisory responsibility. Suggestions made by **Compacmix (BD) Ltd.** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **Compacmix (BD) Ltd.**, are responsible for carrying out procedures appropriate to a specific application.

Manufacture:

