

DEKA PRO

Descaler with dissolving effect

DESCRIPTION

Concrete and mortar descaler. Removes encrustations and cement residues from concrete mixers, formwork, tools, ceramic, stoneware and terracotta surfaces. Corrosion inhibitors protect metal from acid damage.

TECHNICAL SHEET

PROPERTIES

Bathroom

- Particularly suitable for removing limescale and urine scale deposits in toilets and urinals.

Thermohydraulics

- For cleaning steel parts of heat exchangers, condensers, cooling coils, etc. For descaling boilers, flow meters, operating mechanisms of diverters, taps and valves. For descaling heating systems and treating boilers. (Follow instructions)

Construction – equipment and tools

- Suitable for scaffolding pipes and clamps, wooden boards, metal plates, formwork, concrete mixers and tools generally used for processing concrete and cement.

Construction – floor preparation and laying

- Suitable for descaling clinker, earthenware, gneiss, exposed brick, gravel and porphyry floors.

Plastic extrusion presses and form presses

- For removing limescale deposits in circulation pumps of plastic molding presses. Suitable for sandblast-free cleaning of casting molds.

Glass industry

- For removing silicon incrustations that occur during glass processing.

APPLICATION AREAS

- Urinals
- Tubes for scaffolding
- Wooden boards and metal plates for formwork in building construction
- Concrete mixers and tools
- Floors made of terracotta, natural stone, clinker, etc.
- Mechanical engineering industry
- Garages and workshops
- Building and shipyards
- Production facilities in the car industry

Never use on stainless steel fittings.

APPLICATION

Bathroom

Apply pure with a brush or sprayer or treat the surface with a brush until the “bubbling effect” is over. Repeat the treatment if the surface is heavily encrusted. Watch out for product vapors during treatment. It is important that you protect your hands. Rinse well after use.

Boiler

Boiler / boiler

Empty the boiler completely and rinse with clean water. Insulate the area to be cleaned to protect the valves and prevent possible contamination of the rest of the system. Ensure adequate ventilation and venting to the outside. Fill the boiler with water. For the first descaling, mix 1 dose of DEKA with 20 doses of water in the system.

Subsequent rinses require a lower concentration. Pour DEKA into the pump connected to the manhole of the boiler. Leave the manhole open. Fill with water, keeping a distance of about 30 cm from the water level. Heat the water to 60-80°C for 4 hours and check the pipes.

If descaling is not complete, fill the boiler with water and DEKA in a ratio of 1:20. Heat again for 4 hours until the limescale is completely removed. Empty the boiler and rinse it with pressurized water to remove the sludge. Empty, rinse and refill the boiler at least 3 times. After the last emptying and filling, close the vent and the manhole.

Cooling systems

Switch off the system and use a pressurized water jet to remove dirt and sludge. Isolate the area to be treated to protect the valves and avoid possible contamination of the rest of the system.

Fill the system with sufficient water to allow circulation and add DEKA at a ratio of 1:50.

Pour the descaling agent slowly, a few liters at a time, to avoid excessive foaming (foaming is a sign of descaling action).

If the water temperature is below 50°C, pour in enough DEKA so that the pH value is between 1.5 and 2.5. If the water can be heated by steam or another method, heat it to 60°C. Pour in enough DEKA to obtain a pH value between 2.0 and 3.0. Continue pouring DEKA to maintain a suitable pH for approximately 4 hours.

Once the pH has stabilized at an appropriate level for 2 hours, descaling is complete. Drain the system, clean it, refill it at least twice and check the pH of the water to ensure that the DEKA has been completely removed. Top up with water and put the system back into operation.

Building industry

Dilute one part of DEKA with 2-5 parts of water. Apply the mixture with a scrubbing brush or paintbrush, creating a chemical reaction through mechanical action. Rinse well with water and apply protective oil if necessary.

Construction – rust treatment

Dilute one part of DEKA with one part of water.

Floors

Dilute 1 part DEKA with 7-10 parts water. Apply with a scrubbing brush, allow to act briefly and rinse thoroughly with water.

NOTE

Any decalcification can dissolve corrosion-protective incrustations and holes (pitting) that were already present before the treatment. Resolv accepts no responsibility in this respect. Please follow the DEKA instructions for use carefully.

TECHNICAL SPECIFICATIONS

Appearance	Clear liquid
Color	Ruby red
Density at 20°C (ASTM D4052)	Ca. 1.150
pH	< 1.0

PACKAGING

Code	220
Format	5 kg bucket
Box	4 pieces
Pallet	24 boxes

Code	221
Format	22 kg bucket
Pallet	24 buckets

Code	222
Format	220 kg drum
Pallet	2 drums