



ZE-KA-FIX®

- Quick and thorough cleaning of concrete on machinery and tools
- Reduces cleaning costs and cleaning time
- Contains no hydrochloric acid
- Chloride free - has no adverse effect on the concrete and will not cause corrosion within the concrete
- Contains corrosion inhibitors
- Highly biodegradable - certified by "Hygiene Institut Gelsenkirchen", Germany
- Extremely economical - can be mixed with up to 5 parts water



BETONAC®-FIX 2

- Quickly removes areas of cement and limescale on paving slabs, tiles, concrete plant, cement silos and readymix trucks
- Cuts cleaning times = no disruption of the production process
- Almost odourless - no fumes
- Washing residues are highly biodegradable
- Integral degreaser - many cleaning applications
- Economical - highly concentrated



HERE'S HOW Concrete's strength and versatility are also your problems!!

Where it splashes – it sticks

Where you mix it – it sticks

Where it sticks – it hardens

Where it hardens – it is a problem to remove

LEYDE Programme 1 (for the removal of concrete from surfaces)

ZE-KA-FIX and BETONAC FIX2 – protect people, the environment and your plant and machinery. Do not use hammers and abrasive methods, which ruin your machinery and help concrete to stick faster, or hydrochloric acid, causing the same problems and dangerous in use.

ZE-KA-FIX®

ZE-KA-FIX is the safe product - containing no hydrochloric acid. Safe for concrete, men and machinery. Use it to clean moulds and mixers. Diluted with water, ZE-KA-FIX will ease concrete off the surface without violence. It is designed to be part of a regular maintenance programme.

BETONAC®-FIX 2

BETONAC FIX 2 - safe for people to use - is more aggressive with concrete contamination but kind to machines. To clean a surface, dilute with water and dab on with a special Leyde Orange Brush, this concentrated cleaner will degrade concrete safely. It is as easy as that.



Acid resistant brushes - You save up to 85% of detergent solution

The LEYCO „Orange-BETONAC“ (20-25 cm) are acid-resistant brushes which have been especially designed for cleaning concrete pumps, transport vehicles for concrete and have been equipped with a detergent repository. Experience has shown and studies have revealed that up to 85% of all detergent solutions gets lost on the way from the bucket to the surface to which it is meant to be applied. It seeps into the ground unused.

... and the „BETONAC blue“ wire brush rules the chute

Now you have cleaned your plant – keep it spotless by investing in LEYDE Programme 2

LEYDE Programme 2

(for those with clean machines)

STOP IT STICKING

The range of ZETOLAN products gives users the ability to STOP the adherence of CONCRETE on the surface and inside machines and vehicles.

ZETOLAN® MEK

This will keep clean areas, which suffer from the adhesion of concrete. It is best applied using a sprayer on the wet surface after the machine has been washed down at the end of the working day. Immediately after ZETOLAN-MEK has been applied, a protective film becomes effective and is waterproof. Adhesion of concrete, mortar, plaster, bitumen and asphalt to metal and painted surfaces is prevented, and machines are protected against rust

ZETOLAN® MEK 1

This has the same excellent anti-adhesion properties of ZETOLAN-MEK, but is ideal for use in pan mixers and areas where there are higher ambient temperatures. Particularly when it is used on forced action type mixers, a light coating on the arms and walls of the mixer is sufficient to prevent concrete adhesion for 6-10 hours.

ZETOLAN® MEK 3

ZETOLAN-MEK 3 is used like the other MEK products but has strong concrete degradation properties. When used regularly, hardened concrete already adhering to the surface will be penetrated by ZETOLAN-MEK 3 and will over a period of time degrade. Hardened concrete can be removed bit by bit if the product is applied daily. Once the surface is clean Zetolan MEK 1 or 2 can be used.

ZETOLAN® MEK 2

ZETOLAN-MEK 2 has the same qualities as ZETOLAN-MEK in preventing the adhesion of concrete, but this product will work better in forced action mixers and when high early strength concrete is mixed. It also works extremely well in semi dry-mixers used in pre-cast concrete plants.

APPLICATION

ZETOLAN-MEK products belong to a new generation of anti-adherent materials for the protection of concrete mixers and contrary to all other products currently available on the market, it can be sprayed on immediately after the mixer has been cleaned with water while the surface is still wet. LEYCOCHEM LEYDE supplies the MV-7 airless barrel sprayer for the most effective and economic application. Only one working step is necessary, i.e. cleaning and protecting immediately after work has been completed. It is therefore no longer necessary to spray on protective materials before commencing mixing.

All parts of the mixing plant or forced action mixer, such as the mixing arms and pumps can be sprayed with ZETOLAN-MEK immediately after cleaning with water and the surface is still wet. Protection lasts for at least one working day. Once work has been completed, any deposits of concrete and mortar remaining on the ZETOLAN-MEK film can be easily washed off with a water jet. Where concrete ready mix trucks or mortar or concrete pumps are concerned, it is recommended that only the rear part of the vehicle, which actually comes into contact with the concrete, be sprayed.

Of course we are not the only firm who makes such claims. Indeed you know that there is nothing more expensive than an inefficient product which only does half the job. Certainly it may be reassuring that one has tried to get something better but in the end the dama-

ge is greater in spite of using more expensive products as, for example, an ineffective mixer protection agent which already costs more than diesel and hydrochloric acid, a cost which does not remain the same but goes in the opposite direction!



ZETOLAN® MEK

- Protects mixers and concrete equipment from the adhesion of concrete
- Cuts cleaning time dramatically = lower labour costs
- Longer service life of the machinery due to better care
- Contains no dangerous solvents or heavy metals
- Testified by the Hygiene Institut Gelsenkirchen: „highly biodegradable“
- Economical application, since only a thin film is needed for protection

ZETOLAN® MEK

Other products may do the job but at higher labour costs, higher consumption rates, higher maintenance costs and higher risk factors.

Confidence in our products brings success to your enterprise – these are some of the 11.200 crafty, penny pinching customers



**Confidence in our products
brings success to your enterprise**



Concrete, cement and lime removers for the concrete and construction industries



ZETOLAN®-MES 2

ZETOLAN-MES 2 is a stable silicon emulsion, which can be applied as a release or protection agent, neat or diluted. ZETOLAN-MES 2 has a multitude of uses. It protects surfaces from the adherence of concrete inside or outside of mixers, forms, trucks, pumps and moulds.

APPLICATION

ZETOLAN-MES 2 can be applied neat or diluted with a sprayer, cloth or brush. To dilute soft water should be used. A typical dilution rate is one part ZETOLAN-MES 2 to twenty parts of water. The optimal conditions for the dilution rate and application should however be subject to an initial trial. With concrete plant mixers and formwork and any surface in contact with concrete, the product should be applied for five or six days at its original concentration in order to build up a stronger release film; thereafter it can be applied at a dilution rate of 1:5 to 1:10 daily. Windows of trucks should be protected.



LEYCOCHEM LEYDE has been developing products to make life more profitable and efficient in the concrete industry for over 38 years. We are too wise to say our products are magic, but our maintenance programmes are matchless in their end results.

Start mining for profits – find out more about us.....
You can find out more on our website: www.leyde.com

Yes, we are interested in new and economical methods. Please send us **FREE OF CHARGE** information and samples on the following products

- ZE-KA-FIX Art.-No: 02.040
- BETONAC-FIX Art.-No: 02.050
- ZETOLAN-MEK Art.-No: 10.010
- ZETOLAN-MEK 1 Art.-No: 10.011
- ZETOLAN-MEK 2 Art.-No: 10.012
- ZETOLAN-MEK 3 Art.-No: 10.013
- LEYCO-PROTECT 10 Art.-No: 20.157
- LEYCO-RASANT 2 Art.-No: 20.158
- ZETOLAN-MES 2 Art.-No: 10.024
- LEYCO-MV 7 Art.-No: 80.181
- „Orange BETONAC“ Art.-No: 80.210
- BRUSH BETONAC blue Art.-No: 80.217

Let it be your concrete decision to fax us now!

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City / postal-code: _____
Street: _____

LEYCO®-PROTECT 10 and LEYCO®-RASANT 2

LEYCO PROTECT 10 is a product to keep the paintwork on trucks and machines clean. Used in conjunction with LEYCO RASANT 2, an effective anti-static vehicle cleaning agent, cement dust, traffic film and other pollutants will clean off with ease from your truck paintwork, radiating your brand image to the world.

APPLICATION

LEYCO PROTECT 10 should be applied to painted surfaces every one to four weeks, depending on the level of exposure to dirt. After application the surface can be washed with clean water to remove dust, dirt, dried concrete splashes etc. Every one to four weeks the surface should be washed with LEYCO RASANT 2 and LEYCO PROTECT 10 re-applied. The efficacy of the product will increase with the second and subsequent applications. We would advise that the second application is made a week after the first application.



Uncover the hidden costs in your production process
MINING FOR PROFIT
Invest in LEYDE maintenance programmes

- Cost savings go straight to the bottom line and by using Leyde products you can :
- ➔ Reduce plant depreciation
 - ➔ Save labour costs
 - ➔ Increase production efficiency
 - ➔ Maintain your image
 - ➔ Improve Health and Safety
 - ➔ Make environmental gains

The price is meaningless – Value in cost savings crucial !

The LeycoChem Leyde Company for over 38 years has been pre-eminent in the protection and maintenance of concrete plant.
Planned maintenance programmes benefits –

- ✓ Your finances
- ✓ Your production
- ✓ Your workforce
- ✓ The environment