

M95 Anti-rust (0291)

For durably and effectively protecting reinforcement steel

APPLICATION

The Jahn M95 Anti-rust (0291) was developed for the protection of reinforcement steel in, for instance, concrete constructions that have been affected by corrosion or oxidation. Often it is the reinforcement steel that damages the concrete when it becomes exposed. In order to protect the reinforcement steel preventatively, the steel must be conserved in the best possible way. In other words, it should be completely isolated from the supply of oxygen and water. The Jahn M95 Anti-rust (which is non-flammable) is a liquid glass consisting of a special silicate which is excellently suited for the complete isolation of the reinforcement steel.

This liquid glass has high alkaline properties, with a pH value of 12. This causes an additional protection against progressive rusting. As silicate is also a component of concrete, which has a favourable effect on the bonding between the concrete and the Jahn M95 Anti-rust.

PREPARATION

Before the Jahn M95 (0291) can be applied on the reinforcement steel, first the concrete must be cut out at square angles to a depth of 10 mm on all sides behind the corroded steel. Next, the rust must be removed. The steel does not have to be completely bright, a light form of oxidation is acceptable. Removing the rust is best done by grit blasting. In case the reinforcement steel is seriously corroded, the replacement of the steel instead of the anti-rust treatment, should be considered.

APPLICATION

After the rust has been removed from the reinforcement steel, the M95 Anti-rust can be applied by means of a brush or sprayer.

PACKAGING AND STORAGE

The Jahn M95 Anti-rust (0291) is supplied in 5-litre cans. Storage: in a frost proof place.

SAFETY

The Jahn M95 (0291) is a corrosive product. Therefore, gloves and protective glasses must be worn during application. Moreover, it is recommended to protect surrounding glazing with plastic foil. Any spatters can be rinsed with clear water. Keep the material away from children and animals. The material is not intended for consumption.