Concrete Protection

DL PLASTICS B.V. manufactures and installs various plastic materials for concrete protection in, for instance, sewage pumping stations, sewage and wastewater treatment plants, sewage pipes and cellars. Our specialists have over 30 years of knowledge and experience in the field of prefabrication, installation, mounting, final welding of various types of plastic materials for the protection of concrete structures against acids and alkalis, gases, corrosive liquids and chemicals.

All materials are manufactured in various thicknesses from the finest quality base materials. Both in our factory as on site, our specialists have access to state of the art equipment that, based on our in house knowledge and research, may be called exceptionally high quality.

In order to guarantee quality both engineers in our factory and on site have received special training and qualifications to perform final welding, leak proof testing, and completing water and gas proofing of our plastic concrete protection materials. The most popular materials from our wide range are the following:

**Material: “DL-T-Lining”**
The “DL T-lining” has a very high chemical resistance and has been used very successfully for over 30 years protecting concrete structures against corrosion in, for example, sewage and wastewater treatment plants (STPs and WWTPs), sewers, sewage pumping stations, drinking water reservoirs, chemical storage depots and manure storage cellars.

The material is fitted with so called T-profiles on one side and is placed on the casing in such a way that the T-profiles are embedded in the concrete after removing the casing. “DL T-Lining” is produced in the materials HDPE, PP and PVC.

**Material: “DL Anchoring Plate”**
In addition to “DL T-lining” DL PLASTICS B.V. also offers “DL Anchoring Plate” as concrete protection. This is a plastic plate fitted with a large number of anchoring studs on one side. The material is made from the finest raw materials and therefore has an excellent chemical resistance and very long life span.

The “DL Anchoring Plate” is produced in the materials HDPE, PP and PVDF.

**Material: “DL Renovation Lining”**
For existing concrete structures, we can offer you our “DL Renovation Lining”. This is a double sided smooth plastic plate, which is applied on site by mechanical anchoring to concrete in a special way using RVS (stainless steel) fasteners.

The “DL Renovation Lining” is manufactured in the materials HDPE, PVC, PP and PVDF.

**Material: “DLPHS Lining”**
“DLPHS Lining” is ideal for existing and partially corroded concrete structures. “DLPHS Lining” is a permanently flexible plastic concrete protection which is applied on location by our specialists with specially designed equipment. By using a special treatment of existing structures a very strong adhesion can be achieved on virtually any surface with our “DLPHS Lining”. “DLPHS Lining” can be applied in various grades. The selection of the product to be applied is determined after examination of the analysis of the contents and inspection of the construction.