

WEICON GmbH & Co. KG

Surface coatings in sensitive areas

Epoxy resin system Weicon Food Grade

Weicon from Münster has developed a special system for coating surfaces in sensitive areas – Weicon Food Grade.

Weicon Food Grade

Food Grade is a system for surface coating and is approved by the Ruhr District Institute of Hygiene for contact with aqueous and fatty foods up to 70 °C. It has drinking water approval in accordance with BS 6920 and is used both for coating surfaces and as an adhesive.

The flowable 2-component epoxy resin system has a high proportion of fine mineral fillers. The coating is easy to apply and adheres to a wide variety of surfaces even under mechanical stress.

Food Grade has very good chemical resistance and is suitable for coating a wide variety of parts such as pumps, conveyor systems, lifting screws, hoppers, tanks and pipes.

Thanks to its certification for use in food contact applications, the coating is suitable for applications in the drinking water sector, in the beverage industry, in the pharmaceutical industry, in the chemical industry, in commercial kitchens, bakeries or in food production.

Food Grade is suitable on its own or in combination with one of the other Weicon Plastic Metal types for a system build-up.

Plastic Metal

The term Plastic Metal describes epoxy resin systems, which consist of two components, a resin and a hardener. Depending on the type, the resin component is mixed with steel, aluminium powder or mineral fillers, all of which improve the technical characteristics, such as the compressive strength and thermal conductivity.

The epoxy resin system is suitable for a broad range of applications in different industrial areas.

Plastic Metal can be used, for example, in industrial series production for adhesive bondings, coatings and durable repairs on different materials.

After mixing the two components, Plastic Metal cures at room temperature to a solid, metal-like material, which can then be machined. It can be drilled, milled, sanded or filed, if required.

324 words

48 rows

2003 signs (incl. blanks)

Further information:

www.weicon.com

Company profile:

Since 1947, WEICON GmbH & Co. KG has been manufacturing special products for the industrial sector. The company's product range includes special adhesives and sealants, technical sprays as well as high-performance assembly pastes and lubricants for all areas of industry – from production, repair and maintenance to servicing. WEICON is also active in the development and distribution of stripping tools.

The company's headquarters are located in Münster, Westphalia.

WEICON also has subsidiaries in Dubai, Canada, Türkiye, Romania, South Africa, Singapore, the Czech Republic, Spain and Italy and is represented by partners in more than 120 countries all over the world.

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