

WEICON GmbH & Co. KG

Coating of heavily used surfaces

Epoxy resin system Weicon WL

Weicon, the manufacturer of adhesives and sealants, has developed a special epoxy resin system for coating surfaces in the industrial sector – Weicon WL.

Surface coating / ceramic-filled

The two-component Weicon WL system has been developed for coating heavily used surfaces. It is liquid, sprayable, spreadable and can be applied with a brush. It has a high adhesive strength, especially on stainless steel, is ceramic-filled and resistant to chemicals. Owing to its long pot life, Weicon WL can be used for applications with higher ambient temperatures or for larger surfaces.

The coating compound can be used in combination with other Plastic Metal types for a system build-up. For example, the 2-component epoxy resin can be used as a primer when lining pump casings made of stainless steel that are subject to heavy stress.

Suitable for many industrial applications

The surface coating can be used in machine and plant construction, in apparatus engineering and in many other areas of industry.

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 production for bonding, coating, as a casting compound, wear protection and for quick and long-lasting repairs to various materials.

After mixing the two components, the 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.

295 words

44 rows

1870 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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