

Precision down to the smallest details – Sophisticated and economical

Laser Paints

Technically speaking, modern designs are becoming more and more challenging and delicate. This is where our laser paints come into their own by providing extremely variable responses to these needs. Laser paints supplied by DIEGEL are a sophisticated and economical solution to the day & night design of some operating elements.

For more than 15 years we have been guaranteeing the highest quality standards in plastics coating materials for laser markings to be applied later.

Our paint systems are available as solvent-based or water-based varieties. We will find the way best suited to achieving the specified result, taking into account the geometry of the parts to be coated, the paint-carrying substrate layer, the paint application technology and other parameters.



Product Variants

Hydro Laser Paints

Hydro Nano Laser Decor Paint DN402	<ul style="list-style-type: none"> Water-soluble and highly scratch-proof decorative paint for laser etching
Hydro Nano Haptic Laser Paint DH302	<ul style="list-style-type: none"> Water-soluble and highly scratch-proof decorative paint for laser etching and with

Solvent Laser Paints

Laser decor paint LD800m	<ul style="list-style-type: none"> For single-layer coatings with good mechanical and chemical resistance Improved cream resistance
Laser decor paint LD801 m	<ul style="list-style-type: none"> For single-layer coatings with good mechanical and chemical resistance Heat-sealable
Laser decor paint LD883	<ul style="list-style-type: none"> Laser etching properties similar to LD800m Improved crack and scratch resistance

Properties

Laser-etchable paints by DIEGEL provide:

- good adhesion to the plastics used,
- good abrasion resistance and chemical resistance (petrol, alcohol, water, hand creams, perspiration),
- good resistance to various climates (cold, heat, changing temperatures, humid climate),
- good laser etchability (sharp edges upon removal of covering layer, temperature resistance and colour fastness of deeper paint layers),
- high-level opaqueness.

These properties meet the specifications of leading car manufacturers!

All products are designed for single-layer coatings on many thermoset and thermoplastic materials. Ask for our primers developed for special requirements.

Due to the large variety of plastics in use, it is imperative to perform tests before using the products under serial conditions. Primers for all plastic materials available as required.

Processing

All laser paints can be used safely and economically with standard coating equipment (robots, flat bed, spindle). Coat application by hand has its limits (pot life, uniformity).

For processing and handling details, please refer to the product's technical information sheet, which we will be happy to provide you with.







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