

TEKNODUR COMBI 3560
Ultra high-solids polyurethane paints



Enhance Your Painting Process with TEKNODUR COMBI 3560 polyurethane paints

TEKNODUR COMBI 3560 combine a multitude of new features designed to speed up painting processes and help paint shops to increase their productivity.

Serving paint shops needs

The new polyurethane paints were developed for paint shops and industrial coaters keeping their key needs in mind – process optimization and cost-efficiency. Other important aspects of the product development work were; low VOC emissions, fast curing and throughput, high durability, and a superior finish.

Low VOC emissions

Thanks to its high solids content, which might even be adjusted to a full 100%, the TEKNODUR COMBI 3560 series emits a notably smaller quantity of VOC emissions than water-borne polyurethane paints do. This translates into a measurable advantage for paint shops, as it eliminates the need for a combustion plant and frees up resources for profitable investments.

Fast throughput

The drying profiles of the TEKNODUR COMBI 3560 variants vary. The actual drying times at room temperature are adjustable between less than one hour and several hours. Immediately after drying, the work pieces are ready for the next step in the process. This significantly shortens the throughput time in the paint shop, thereby saving time and money. Additional savings are provided by lower energy costs, as the short drying process does not require the elevated temperatures of conventional methods.

One coat does it all

In pursuit of higher efficiency, more and more paint shops are exploring the possibilities of one-coat solutions. The TEKNODUR COMBI 3560 product family contains anti-corrosion pigments and fulfils the ISO 12944 requirements for one-coat paints. As an example, its corrosivity category is C4-M at a dry film thickness of 120 µm.

Superior finish which lasts

The TEKNODUR COMBI 3560 coats are tough and impact-resistant, effectively reducing the need for touch-up paint jobs. The finished coat is weatherproof and resistant against many chemicals. Characterized by the good looks and high UV resistance common to polyurethane coats, its colour and gloss can be further enhanced by a clear coat.

The various products in the new series are suited to a wide range of applications, either as a one-coat alternative or in combination with a compatible primer. TEKNODUR COMBI 3560 paints can be applied directly to aluminium, zinc, sand-blasted steel, and even concrete surfaces.

In spite of the high solids content, these products can be applied with the conventional airless as well as with the two-component spray gun.

TEKNODUR COMBI 3560 product family is the perfect alternative for paint shops striving to reduce their VOC emissions, improve their profitability and interested in additional benefits not offered by conventional paints. All this without sacrificing the high quality.

For further information, please contact our industrial coatings department: www.teknos.com

Norsok M-501 Approved Coating System

Surface treatment	Specification	DFT µm
FeSa 2½	TEKNOZINC 90 SE	60
	TEKNODUR COMBI 3560	110
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Total DFT		280



Teknos – Developer of the new generation technology

Examples of benefits of the **TEKNODUR COMBI 3560** product family, compared to traditional paints:

- **Reduced process time in the paint shop**
 - Objects can be taken out of the paint shop 2 hours after painting without having to increase the temperature
 - Drying speed can be adjusted from hours to minutes
- **Significantly better corrosion resistance properties and wear resistance**
 - System conforms to the ISO-EN 12944-6 standard, category C4M: TEKNODUR COMBI 3560-09, PUR 120/1-FeSa21/2
 - Example of traditional paint system according to ISO-EN 12944-5 standard: EPPUR 240/3-FeSa21/2
- **Excellent colour and gloss retention and weather resistance**
- **VOC emissions are substantially lower compared to equivalent water-borne systems**



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The Teknos Group

Teknos is the leading supplier of industrial coatings in Scandinavia and Central Europe with a strong position in retail and architectural coatings, too.

Teknos subsidiaries operate in Scandinavia, Germany, the UK, Ireland, Poland, Slovenia, Russia, Ukraine and China, and the company has a network of well-established sales agents and representatives in around 20 other European countries.

Teknos employs around 950 staff. Group turnover is EUR 215 million. Teknos is one of Finland's largest family-owned businesses.

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