INDUSTRIQ POWDER TOPCOAT W885

EcoSpeed: efficient, sustainable and adaptive

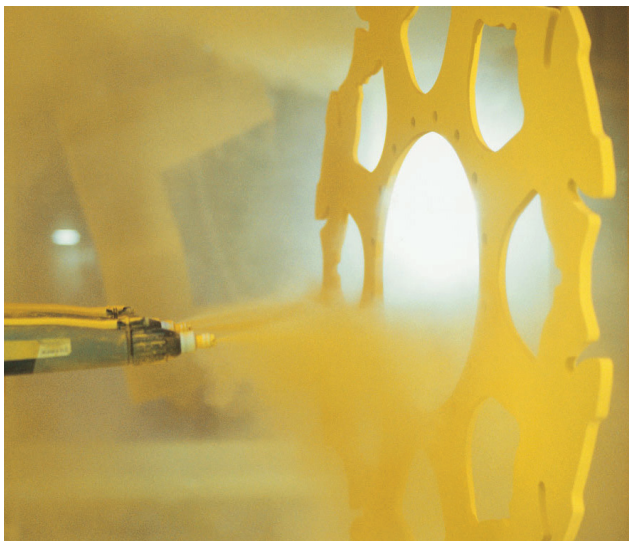
- low temperature system with speedcure option
- wide processing window with high process reliability
- superdurable polyester with very good weather and chemical resistance
- label-free

EFFICIENT AND ADAPTIVE

The new INDUSTRIQ EcoSpeed combines efficient and flexible manufacturing processes with growing environmental awareness. The low temperature system with speedcure option can significantly reduce throughput times in the manufacturing process and thus increases productivity. Simultaneously, the considerably widened stoving window offers excellent process stability and outstanding surface results, even for thin- and thick-walled components in mixed construcion.

SUSTAINABLE

Not only efficient, but also ecological. Used as low temperature system, INDUSTRIQ EcoSpeed can siginificantly reduce curing temperatures without compromising on the property profile. This not only reduces CO_2-emissions, but also saves energy costs and optimizes the carbon footprint of manufactured components. Besides, the superdurable system with good corrosion protection provides an optimum shield against external influences and extends the component's life cycle.



Excellent process stability

In construction machinery, in particular, different and complex components are assembled into a single unit. This often involves the use of a wide range of material thicknesses on a single part. If the coating's processing window is too small, there is a risk of over- or under-baking, leading to a loss of important product properties.
The INDUSTRIQ EcoSpeed offers a large stoving window and thus a high level of process reliability. Valuable properties can be retained, even for complex and thin- or thick-walled components. The powder coating in superdurable quality defies all weather extremes, whether it is blazing sun, rain or frost.

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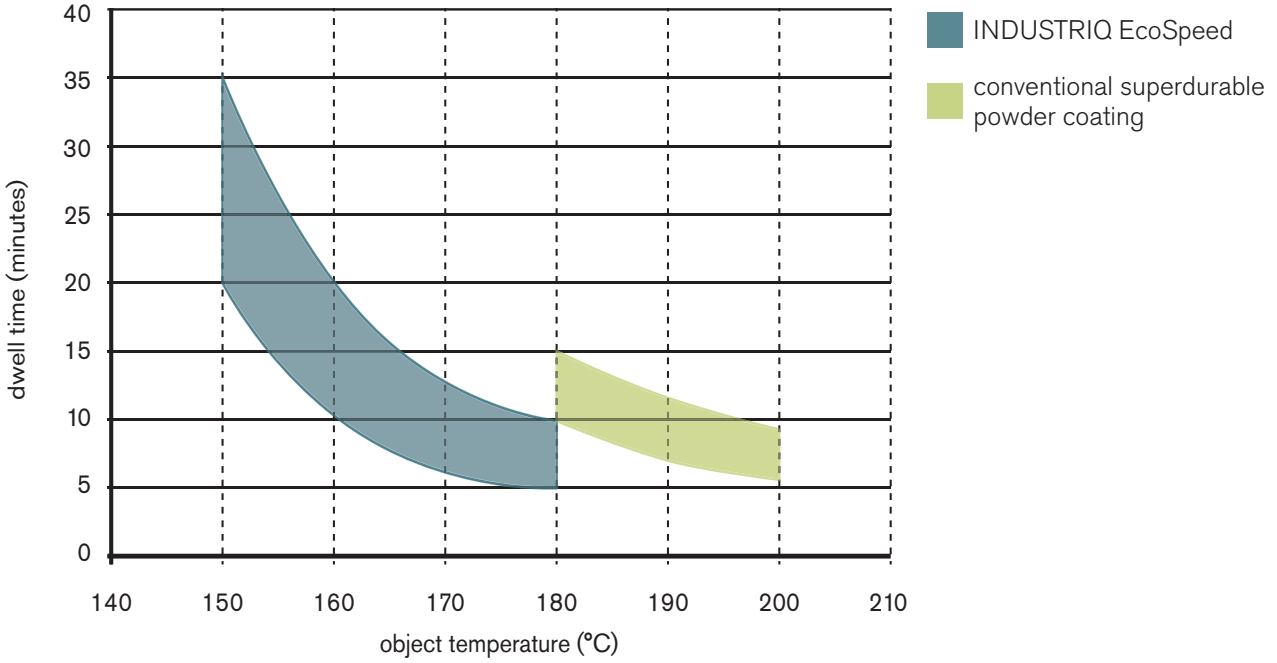
WIDE PROCESSING WINDOW



THE PROPERTIES AT A GLANCE

Property / Test	Test Standard	Result
Gloss level and surface variants	-	glossy: W885 silk gloss: W885G
Erichsen cupping	DIN EN ISO 1520	on 0.8mm degreased steel > 2 mm*
Weathering resistance	DIN EN ISO 16494-2 DIN EN ISO 2813	after 1500h residual gloss (60°) >80%**
Humidity resistance, condensation water constant climate test	DIN EN ISO 6270-2 DIN EN ISO 4628-2 DIN EN ISO 4628-3 DIN EN ISO 2409	after 240h on degreased steel - degree of blistering 0 (S0) - degree of rust Ri 0 - adhesion GT 0
Corrosion resistance, neutral salt spray test	DIN EN ISO 9227 DIN EN ISO 4628-8 DBL 7391	after 1000h on zinc-phosphated steel - corrosion creep*** ≤2 mm - edge rust KR 1

*strongly color-dependent, deviations upwards and downwards possible, **color dependent, here tested on RAL 7035 as an example, ***test performed with Sikkens Scribe 1 mm

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