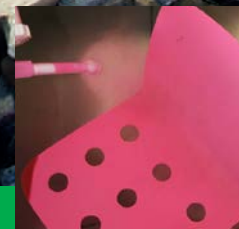


INFRALIT

Low Temperature Curing
Powder Coatings



Paint with Pride





INFRALIT LOW TEMPERATURE CURING POWDER COATINGS



New INFRALIT low temperature curing powder coatings combines excellent weather resistance with a low curing temperature. Low temperature curing powder coatings help to save energy and boost production.

Low temperature curing powder coatings cure at significantly lower temperatures than normal powder coatings, providing clear energy savings. On the other hand, the production rate when using normal oven temperatures can be enhanced, due to significantly shorter throughput times. Line speed can be increased without adjusting the oven parameters. Low temperature curing powder coatings are not more sensitive to over-curing than standard powder coatings. Therefore, they are suitable for all types of paint shops that use powder coatings.

The new ultra fast low temperature curing INFRALIT PUR 8476 powder coating is suitable for steel and aluminium structures, both indoors and out. INFRALIT PUR 8476 forms a mechanically and chemically resistant smooth paint film with excellent UV-resistance. The

paint film will not turn yellow and is extremely weather resistant.

Benefits are evident when painting massive steel components

The benefits of using ultra low temperature curing powder are emphasized when painting heavy steel components, such as massive steel beams, agricultural machinery, tractors, mining machinery and truck bodies, because the powder coating cures at significantly lower component temperatures.

Heat-sensitive, non-conductive substrates

One of the basic principles of powder coating is that the component being painted must be conductive and resistant to high curing temperatures. For these reasons, use of powder coating on heat sensitive and non-conductive substrates can be very challenging.

Low temperature curing powders enable the use of powder coating on heat sensitive substrates, such as MDF sheets, plywood, plastic and composite materials. To enable the use of powder coating, non-conductive components need to be pre-treated in a specific way. Pre-treatment methods vary, depending on the substrate.

Storage, transportation and handling

Because low temperature curing powder coatings are more reactive than standard powder coatings, it is vital that the product does not exceed its recommended storage temperature at any stage of transportation, storage or handling.

Teknos' powder coatings sales team will be happy to provide more information on low temperature curing powder coatings and their use.

INFRALIT Low Temperature Curing Powder Coatings

Serie	Binder	Energy-saving curing time / substrate temperature Heat sensitive substrates	Time-saving curing time / substrate temperature	Finish	Quality
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INFRALIT ULTRA FAST LOW TEMPERATURE CURING POWDER COATINGS FOR OUTDOOR USE

PUR 8471	Polyurethane	30 min / 130 °C	7 min / 160 °C	Texture	Facade
PUR 8475	Polyurethane	30 min / 130 °C	7 min / 160 °C	Glossy	Facade
PUR 8476	Polyurethane	30 min / 130 °C	7 min / 160 °C	Semigloss	Facade
PE 8601	Polyester	15 min / 130 °C	5 min / 160 °C	Texture	Industrial
PE 8605	Polyester	–	5 min / 160 °C	Glossy	Industrial
PE 8606	Polyester	–	5 min / 160 °C	Semigloss	Industrial

INFRALIT LOW TEMPERATURE CURING POWDER COATINGS FOR OUTDOOR USE

PE 8640	Polyester	10 min / 160 °C	6 min / 180 °C	Glossy, semigloss	Industrial
PE 8641	Polyester	10 min / 160 °C	6 min / 180 °C	Texture	Industrial
PE 8642	Polyester	10 min / 160 °C	6 min / 180 °C	Hammer finish	Industrial
PE 8643	Polyester	15 min / 160 °C	5 min / 180 °C	Matte	Industrial
PE 8625	Polyester	15 min / 160 °C	9 min / 180 °C	Semigloss	Facade
PE 8721	Polyester	15 min / 160 °C	8 min / 180 °C	Texture	Super Durable
PE 8725	Polyester	15 min / 160 °C	8 min / 180 °C	Glossy	Super Durable
PE 8726	Polyester	15 min / 160 °C	8 min / 180 °C	Semigloss	Super Durable

INFRALIT LOW TEMPERATURE CURING POWDER COATINGS FOR INDOOR USE

EP/PE 8241	Epoxy Polyester	10 min / 145 °C	5 min / 165 °C	Texture	
EP/PE 8242	Epoxy Polyester	10 min / 145 °C	5 min / 165 °C	Hammer finish	
EP/PE 8245	Epoxy Polyester	10 min / 145 °C	5 min / 165 °C	Glossy	
EP/PE 8246	Epoxy Polyester	10 min / 145 °C	5 min / 165 °C	Semigloss	
EP 8024	Epoxy	15 min / 130 °C	5 min / 160 °C	Glossy	

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The Teknos Group

Teknos is one of Europe's leading suppliers of industrial coatings with a strong position in retail and architectural coatings, too.

Teknos has its own production in seven countries: Finland, Sweden, Denmark, Germany, Poland, Russia and China. In addition, Teknos has sales companies in 15 countries and exports to over 20 countries via a well-established network of dealers.

Teknos was established in 1948 and is one of Finland's largest family-owned businesses.

OFFICIAL DEALER OF TEKNOS PAINTS AND COATINGS:



www.teknos.com