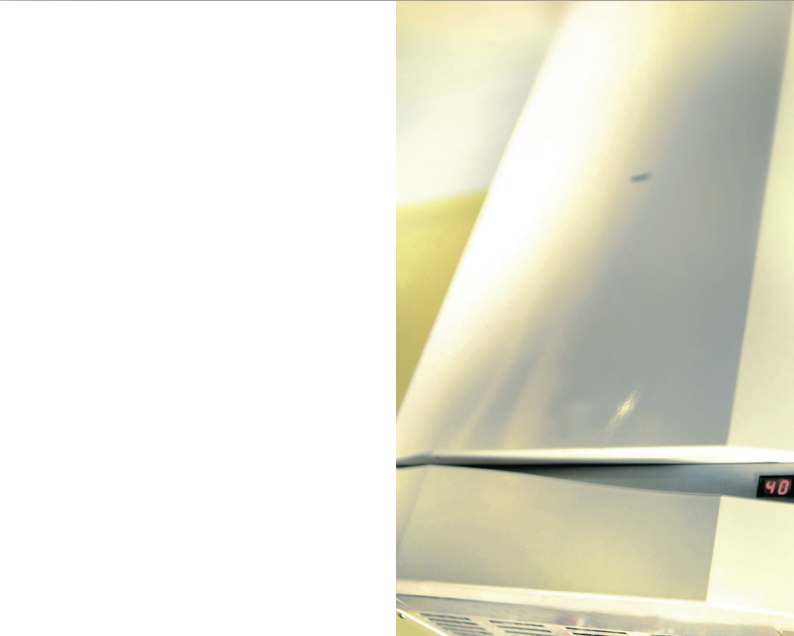
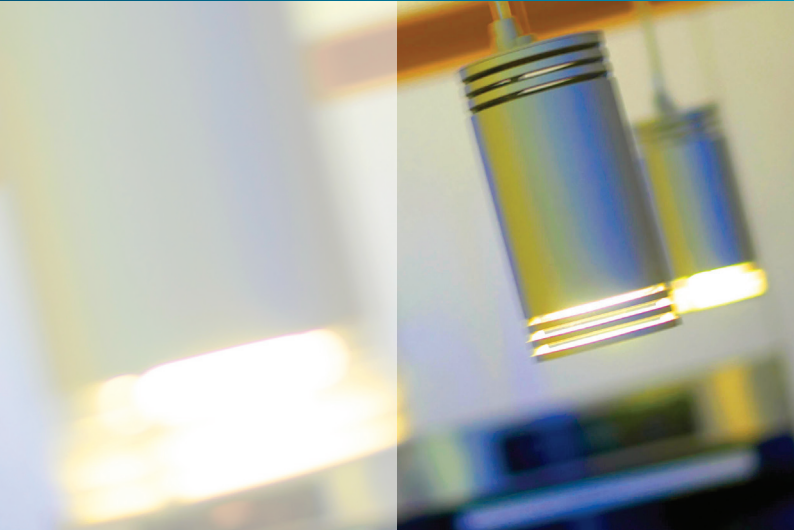


Interpon HT : Heat Resistant Powder Coatings





Interpon HT

Heat Resistant Powder Coating

AkzoNobel is committed to offer customers a wide choice of powder coatings and recognizes the increasing demands of applicators worldwide for environmental compliance. We offer a range of heat resistant powder coatings to meet your needs for coating assets that are exposed to fire or other sources of heat.

Interpon HT powder coatings are competitive with many established liquid coatings for even the most demanding applications where heat resistance is required.



Taking Powder Coating to the Extremes

Interpon HT is a range of powder coatings developed for applications that require heat resistance properties ranging from 200°C (392°F) to the extreme high heat temperatures of 550°C (1022°F).

Typical Coatings Benefits

- Gloss and color stability
- Resistance to delamination
- Resistance to cracking
- Excellent corrosion resistance
- Environmentally friendly
- Higher scratch resistance (vs liquid)

Main Markets

Recommended for all markets with metallic parts submitted to a prolonged heat from 200°C (392°F) to 500°C (932°F) such as:

- Hearth products, wood and pellet burning stoves, fireplace inserts
- Exhaust systems (i.e. stove exhaust pipes)
- Barbecues
- Lighting fixtures
- Mufflers for generators, motorcycles and tractors





High Heat Powder Coatings

Range	Thermal Exposure *	Visual Aspect	Main Technical Properties	Typical End-Uses
Interpon HT 350	200°C for 24 hours 250°C for 1 hours <i>No cracking, neither film detachment, it keeps good adhesion properties.</i>	Black & Grey Metallic & White Fine texture	Gloss stability / yellowing resistance after heat exposure	Boilers, stoves, fireplaces and BBQs surrounds
Interpon HT 450	300°C for 24 hours 450°C for 1 hours <i>No cracking, neither film detachment, it keeps good adhesion properties.</i>	Black & Grey Metallic Fine texture	Good outdoor resistance	Exhaust pipes, stoves, chimney flues, BBQs
Interpon HT 550	400°C for 24 hours 600°C for 1 hours <i>Loss of color and gloss may occur. No cracking, neither film detachment, it keeps good adhesion properties</i>	Black & Grey Metallic Fine texture	Corrosion protection before and after heat exposure. Good outdoor resistance	Mufflers, chimney flues, body and inside parts or stoves

* Variations per product code may occur. No claims can be made based on this table. Please refer to the relevant Technical Data sheet for detailed technical information.



Substrate Pre-treatment

Proper substrate pre-treatment is critical to the performance of high service temperature products. Pre-treatment may vary with substrate type and application.

A multi-stage cleaning and sand blasting process is strongly recommender for optimum performances, for some applications grit blasting may be adequate.

Substrates

Interpon HT products can be developed for various substrates:

- Steel
- Iron
- Cast iron

Correct product choice is very important and our technical sales personnel, in association with our technical teams, will provide advice and assistance.

Follow us on Social Media:
Powder Coatings by AkzoNobel



For more information visit www.interpon.com
or speak to your local representative.



Download Interpon App
Our Interpon App
opens the door to all you
need to know about
Interpon powder coatings.

Interpon®

All products supplied & technical advice given are subject to the standard terms of sale of the AkzoNobel supplying company. Copyright ©2020 Akzo Nobel Powder Coatings Ltd. Interpon is a registered trademark of AkzoNobel. (Issue 4 - 3/2020).