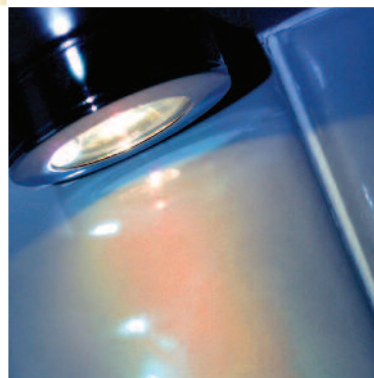
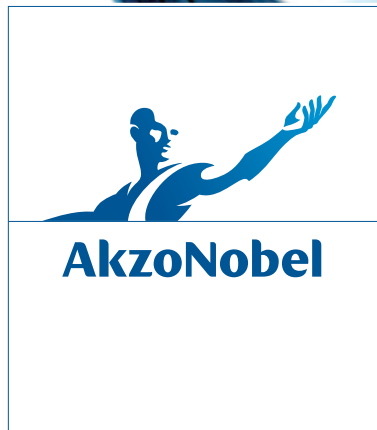


Interpon[®]
powder coatings
EVERY COLOR IS GREEN




Interpon HT - Heat Resistant Powder Coatings





Interpon HT

Heat Resistant and High Heat Powder Coatings



Committed to Research and Development to offer customers a wider choice of powder coatings and recognising the increasing demands on applicators worldwide for environmental compliance, AkzoNobel has extended its range of powder coatings with heat resistant properties. **Interpon HT** powder coatings are competitive with many established liquid coatings for even the most demanding applications where heat resistance is required.

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





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.

All oil and grease, as well as scale, rust and dirt must be removed before powder spraying. For some applications a grit blast may be adequate.



High Heat Powder Coatings

Range	Temperature Range	Gloss / Colors	Main Technical Properties	Typical End-Uses
Interpon HT 350	200 - 350°C (392 - 662°F) depending on the products	Smooth, satin, matt, fine texture, colors, metallics	Gloss stability / yellowing resistance after heat exposure	Boilers, stoves, fireplaces and BBQs surrounds
Interpon HT 450	300 - 450°C (572 - 842°F) depending on the products	Fine texture, blacks, grays, chrome, metallics	Good outdoor resistance	Exhaust pipes, stoves, chimney flues, BBQs
Interpon HT 550	400 - 550°C (752 - 1022°F) depending on the products	Fine texture, blacks, dark grays, metallics	Corrosion protection before and after heat exposure. Good outdoor resistance	Mufflers, chimney flues, body and inside parts of stoves

Refer to the relevant product data sheet for more information.

Substrates

Interpon HT products can be developed for various substrates:

- Steel
- Cast iron
- Aluminum
- Cast aluminum
- Aluminized steel



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



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