

# Product Data Sheet

## AkzoNobel Powder Coatings

### Interpon GripTex

#### Product Description

**Interpon GripTex** is a series of TGIC-Free Polyester-based powder coatings designed for non-slip applications on a variety of substrates.

**Interpon GripTex** provides grip and anti-slip tactile characteristics whilst still providing an aesthetically appealing appearance. The technology provides an alternative to non-slip tape and wet paint options and is available in black and yellow with others available on request.

The **Interpon GripTex** system incorporates the application of an Interpon polyester basecoat for optimal corrosion performance.

#### Powder Properties\*

<b>Chemical type</b>	Polyester
<b>Particle size</b>	Suitable for electrostatic spray
<b>Specific gravity</b>	Approx. 1.8 (Black and Yellow)
<b>Storage</b>	Dry cool conditions (below) 30°C
<b>Shelf Life</b>	18 months
<b>Sales code</b>	M-X-Series
<b>Stoving Schedule</b>	10 mins at 180°C or 5 mins at 200°C or 4 mins at 210°C (Object temperature)

#### Typical specifications

AS4586-2013 "Slip resistance classification of new pedestrian surface materials"  
Passes P5 and D1 ratings.

#### Film properties

Tests carried out on chromated aluminium panels unless otherwise stated, coated with 80 to 150 microns of **Interpon GripTex** cured for 10 mins at 200°C (metal temperature) over green-cured Interpon polyester basecoat.

#### Slip Resistance Tests

<b>Wet Pendulum</b>	AS4586-2013 Appx A	P5 (Slip Resistance Value >54)
<b>Dry Floor Friction</b>	AS4586-2013 Appx B	D1 (Tester Mean Value ≥0.40)

#### Mechanical Tests\*

<b>Adhesion</b>	AS1580 408.4 (2mm Crosshatch)	Classification 1 maximum
<b>Pencil Hardness</b>	AS1580 405.1	F - minimum
<b>Reverse Impact</b>	AS3715 Section 2.5.8	Pass 2.5Nm

#### Chemical Durability Tests\*

<b>Salt Spray</b>	AS4506 Section 2.11	Pass 1000 hours - No corrosion creep more than 2mm from scribe
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#### Pre-treatment

For optimum coating performance the following pre-treatment is recommended prior to the application of **Interpon GripTex**. The pre-treatment should be used in accordance with the supplier's recommendations.

A. Aluminium	Multistage chrome chromate, chrome phosphate or chrome <sup>6</sup> -free
B. Galvanised Steel	Multistage zinc phosphate or chromate
C. Steel	Multistage zinc or iron phosphate

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## Application

**Interpon GripTex** powder coatings can be applied by manual or automatic electrostatic spray equipment. Application from a fluidised hopper is recommended due to the larger particle size and range of additives.

Due to the mix of large additives in **Interpon GripTex** powder a thorough cleaning regime is recommended between batches of **Interpon GripTex** and other **Interpon** powder coatings.

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## Safety Precautions

This product is intended for use only by professional applicators in industrial environments and should not be used without reference to the relevant health and safety data sheet, which AkzoNobel has provided to its customer. If for any reason a copy of the relevant health and safety data sheet is not immediately available the user should contact AkzoNobel to obtain a copy before using the product. Minimum safety precautions in dealing with all powder coatings are as follows. All dusts are respiratory irritants. Therefore, inhalation of the dust or of the vapors resulting from the cure should be avoided. Take steps to prevent skin contact, but should contact occur, wash skin with soap and water. In case of eye contact flush immediately with clean water and seek medical advice. Dust clouds of any finely divided organic material can be ignited with an electric spark or open flame. Dust and powder should not be allowed to build up on surfaces or ledges. Dust collection equipment should be used which has provision for adequate explosion release. All equipment should be electrically earthed to prevent build up of static. Users are recommended to follow the guidelines laid down in AS3754:1990, "Safe Application of Powder Coatings by Electrostatic Spraying".

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## Disclaimer

**IMPORTANT NOTE:** The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product.

Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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\* Typical minimum specifications. Performance may vary slightly between individual products.  
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