



**Drylac®**

**Series 44 Anti Graffiti**

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**A powder coating for easy cleaning of façade components, surface suited for removal of graffiti based on polyester**

### Typical applications

- Noise Reduction Paneling**
- Underground Railway Construction**
- Metal Facades**
- Clear top-coat for weather resistant powder coatings**

### Features

- ▶ This Special Powder Coating Allows for Easy Cleaning
- ▶ Good Weather Resistance
- ▶ Very Smooth Flow
- ▶ Good Storage Stability

### Finish | Colors

- ▶ **Smooth flow – glossy surface, approx. 80–95\***
- ▶ **Please check with order desk for availability of more colors and transparency effects.**

\* Gloss level acc. to ISO 2813/60° angle.

<b>Standard Packaging</b>	in 20 kg cartons
<b>Specific Gravity (ISO 8130-2)</b>	1.2–1.6 g/cm <sup>3</sup> depending on pigmentation
<b>Theoretical Coverage</b>	at 60 µm film thickness: 10.4–13.8 m <sup>2</sup> /kg depending on specific gravity (please see also Information Sheet no. 1072 – latest edition)
<b>Storage Stability</b>	6 months at no more than 25°C



# TIGER Drylac® Series 44 Anti-Graffiti

## Pretreatment (alternatives)

The following table reflects the common methods of pretreatment with regards to various substrates and applications. In selecting the proper type of pretreatment please observe the suitability of the type of powder coating for a desired application according to the guidelines on page one of this Product Data Sheet.

	ALUMINUM			GALVANIZED STEEL				STEEL		
Degreasing	●	●	●	●	●	●	●	●	●	●
1) Chromating	●	●	●	●	●	●	●			
2) Anodizing	●	●	●							
2) Chrome free	●	●	●	●	●					
Iron Phosphating								●	●	
Zinc Phosphating				●	●	●	●	●	●	●
Blasting								●	●	●
3) Sweeping				●	●	●	●			
	I	E	A	I	E	A	S	I	E	S

- Application
- I interior
  - E exterior
  - A architectural
  - S steel
- 1) acc. to DIN 50939  
 2) acc. to GSB quality and test regulations  
 3) only for zinc coated parts > 45 [µm]  
 4) for a two-coat process / TIGER Shield

## Processing

Corona

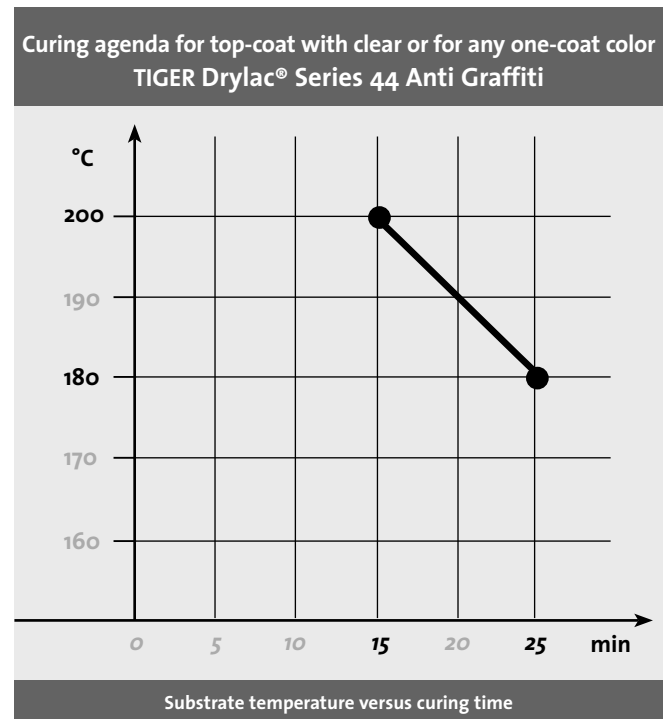
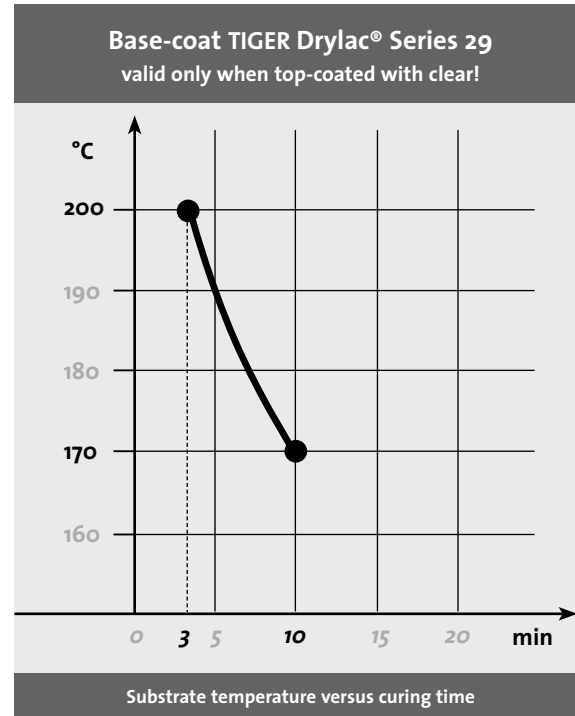
Tribostatic

### Please note

A top-coat with a clear exterior grade powder coating over an interior grade powder coating does not produce a weather resistant coating.

**Use only in a one-coat application or as a clear top coat over a powder coated substrate. Do not use in a two-coat application anti graffiti over anti graffiti!**

## Cure parameters (substrate temperature)





## Drylac® Series 44 Anti-Graffiti

### Test results

#### TIGER Drylac Series 44 Anti Graffiti, white

Checked on a chromated aluminum test panel which is 0.7 [mm] thick. Cure conditions according to the cure curves. When used as a two-coat system, the increase in film thickness will result in a decrease of mechanical properties.

### Please note

Due to the reduced mechanical properties it is imperative to verify the suitability for the intended application.

Non-colored coatings, e.g. clear coatings may be prone to stress cracks due to the difference in material tension between the substrate and the powder coating.

Joint sealants and any other auxiliary products, such as glazing aids, gliding waxes, drilling and cutting lubricants, which come in contact with the coated surface must be ph-neutral and free of substances which may damage the finish. Prior to coating a suitability test at the applicator is therefore highly recommended.

Test results	Test method	Series 44 Anti Graffiti, white
Film thickness	ISO 2360	60–80 µm
Gloss – 60°	ISO 2813	80–95
Cross cut test [1 mm]	ISO 2409	0
Impression hardness	ISO 2815	≥ 100
Mandrel bending test	ISO 1519	5–10 mm
Cupping test	ISO 1520	≥ 3 mm
Mortar resistance	ASTM D 3260	ok
Drill mill test		ok
Kesternich-test 30 cycles	ISO 3231	0.2 l SO <sub>2</sub> – ok
Weathering	EN 20105 - A02	≥ 4
Light fastness	EN ISO 105 - B02	≥ grade 7
Humidity resistance 1000 h	ISO 6270-1	max. blistering 1 [m
Salt spray resistance 1000 h	ISO 9227	max. undercutting 1 [m

### Certificates

Test lab Dr. Kupfer (regd. Quality Assoc. Anti Graffiti, Berlin)

### Cleaning recommendations

«Biolon G» by Silco-Tec

«Graffiti Clean Spray» by ECON-AIR



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## Chemical resistance

The chemical resistance of a powder coating depends among other things on its formulation. Chemical resistance requirements therefore must be considered according to processing conditions and final use of the finished product. This is best already established during the product specification process. Agreement between all parties involved must be reached about the chemical resistance test method, which may be performed in accordance with EN ISO 2812-1 Lacquers and Paint Products. Test Methods for Surface Resistance to Liquids. It is necessary to also have a common understanding of the requirements for such chemical resistance, such as test duration, test method, reactive time and concentration of the test media.

Our verbal and written recommendations for the use of our products are based upon experience and in accordance with present technological standards. These are given in order to support the buyer or user. They are non-committal and do not create any additional commitments to the purchase agreement. They do not release the buyer from verifying the suitability of our products for the intended application. We warrant that our products are free of flaws and defects to the extent as stipulated in our Terms of Delivery and Payment.

As a part of our product information program each of our Product Data Sheets are periodically updated, so that the latest version shall prevail. Therefore, please contact our sales department to make sure that this Product Data Sheet is the most current version. The information in our Product Data Sheets is subject to change without notification.

**This Product Data Sheet substitutes any and all previous Product Data Sheets and notes for customers published on this subject matter and is only intended to give a general product overview. Please request specific information for products outside of our standard product list (latest version).**

**The Technical Information Sheets and the Terms of Delivery and Payment each in their latest version form an integral part of this Product Data Sheet.**



certified  
according to  
EN ISO 9001 / 14001

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