

## Alesta® AG

### AntiGraffiti AG Industrial

### AG350P5186727 RAL 5023-GL DISTANT BLUE

AntiGraffiti powder coating based on polyester chemistry with very good antigraffiti properties.



#### Characteristics

- Gloss Leatherette
- Solid
- Corona
- Antigraffiti
- SL-3

#### Usage Area

- Steel or galvanized steel for cladding
- Urban furniture
- Protection and decoration of interior parts
- Industrial outdoor application e.g. agricultural machinery, garden furniture, fencing, electrical



#### Approvals

- This powder coating complies with the European Directives "Restriction of the use of certain hazardous substances" 2011/65/EU and 2015/863/EU (RoHS)

The following data has been obtained under laboratory conditions as described below. Actual product properties such as gloss, colour and finish may vary depending on application conditions.



#### Test Conditions

- |  |                     |
|--|---------------------|
| • Curing Conditions (object temperature) | 12 min @ 180°C      |
| • Substrate                              | 0,8 mm Steel Panels |
| • Film thickness                         | 70 ± 10 µm          |
| EN ISO 2360                              |                     |

#### Physical Data

- |            |            |
|------------|------------|
| • Density  | 1,57 g/cm³ |
| calculated |            |



#### Product Performance / Film Properties

Gloss @ 60°	GLOSS
EN ISO 2813	

Adhesion	GTO
EN ISO 2409	

Impact Resistance	1 kg / 50 cm
EN ISO 6272	



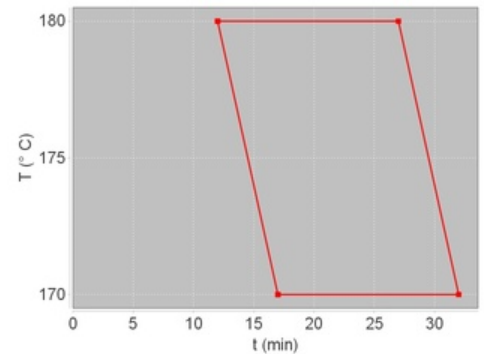
## Curing Conditions (object temperature)

Can be cured using a variety of methods, e.g. IR, convection, combi ovens. In direct gas ovens, combustion by-products may cause significant colour changes (for specific advice, please contact us).

7-22 min @ 180°C

12-27 min @ 180°C

17-32 min @ 170°C



## Storage Stability

12 months/35°C

Shelf life applies to materials stored in sealed plastic bags under dry and cool conditions.



## Substrate Preparation

- On aluminium, steel and hot-dip galvanized steel: both chemical pre-treatment and mechanical surface preparation are compatible with Alesta® AG. Surface preparation should be chosen according to type of substrate and required performance.
- On steel and hot-dip galvanized steel, corrosion resistance may be further enhanced by the use of our Alesta® ZeroZinc protective primers (please contact us for further information).
- The suitability of the surface preparation should be tested by the coater beforehand using appropriate test methods.



## Application

- Do not mix this product with other powder coatings.
- Substrate should be correctly cleaned before use.
- Can be applied with manual or automatic guns.
- Film thickness: application settings will depend upon the geometry of the object being coated as well as the required film thickness. It is the responsibility of the applicator to make the appropriate adjustments. Certain colours should be applied at higher film thickness to ensure full coverage and therefore colour homogeneity. Below this limit, colour variation may occur due to differences in film thickness.
- Great care is taken during our manufacturing process but small variations in colour and/or appearance are unavoidable with effect colours. Therefore we recommend that a single batch of powder coating should be used to coat parts that will be subsequently assembled together. Differences are more likely with effect powder coatings such as metallic, pearlescent, speckled, textured and combinations thereof. Differences will be more easily visible on large coated parts such as cladding panels, flat sheets etc.
- Recycling of the powder: possible up to 30 % for solid colours. For special finishes (for example metallic, pearlescent, speckled), please refer to our website and the 'Metallics are us - Tips for Users' guide.



## Comments

- Cleaning Agents: The following agents are tested and approved for permanent removal of graffiti on Alesta® AG Industrial coated surfaces: P SCRIBEX 500 (HENKEL), ARCANE US 226 liquid or gel (ARCANE INDUSTRIES), SOCOSTRIP T4210P (SOCOMORE)
- Recommended Application: These agents remove almost all spray paints and waterproof pens from surfaces coated with Alesta® AG Industrial products. The safety and processing instructions given by the detergent manufacturer have to be respected.
- Cleaning Instructions: Cleaning should only be done with agents which are approved and considered in the report or in our cleaning instructions.
- Cleaning Procedure: Cleaning should take place immediately after detecting the graffiti damage. A longer endurance of the graffiti may have the effect that they can not be removed completely. The cleaning agent has to be applied e.g. by a spray nozzle onto the surface to be cleaned. Immediately after application clean wipes have to be used to remove the Graffiti. It is recommended to keep the exposure time of the cleaning agent to a minimum as too long exposure might cause damages of the AG coating. Please neutralize with water after application. In general, after 24 hours the visual appearance of the initial state is achieved again. During the time the agent diffuses out the coating. Avoid any mechanical stress during this time. This procedure may be repeated if necessary. The Alesta® AG Industrial powder coating has been designed for removing Graffiti up to 5 times. We are not liable for any damages to the coating if the cleaning instructions are not followed.
- Coated parts should be packed after they are fully cooled using suitable materials that are free of plasticizers. Packaged parts should be stored under cover to avoid the formation of condensation (for example under plastic wrapping film) which could result in permanent marks on the surface of the coating.



## Safety

Consult the Safety Data Sheet prior to use

The information provided herein corresponds to our knowledge on the subject at the date of its publication. This information may be subject to revision as new knowledge and experience becomes available. The data provided fall within the normal range of product properties and relate only to the specific material designated; these data may not be valid for such material used in combination with any other materials or additives or in any process, unless expressly indicated otherwise. The data provided should not be used to establish specification limits or used alone as the basis of design; they are not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of a specific material for your particular purposes. Since Axalta cannot anticipate all variations in actual end-use conditions Axalta makes no warranties and assumes no liability in connection with any of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent rights.

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