

ALESTA® AP is a polyester coating formulated to meet the decorative and performance criteria of the construction industry for both aluminium and galvanized steel. It is supported by a 25 year guarantee when applied by one of Axalta Coatings Systems' network of approved applicators.



Axalta corporate culture has innovation at its heart. Backed up by expertise in colour design the ALESTA® range of metallics is one of the largest and most sophisticated in the world. Axalta is dedicated to providing architects and designers with the technology to bring creativity to life. With manufacturing sites all around the world, Axalta offers a complete range of colourful and innovative coatings solutions. The ALESTA® brand today is a global leader in the provision of architectural powder coatings.

Powder coatings today are the leading coating solution for aluminium or galvanized steel building components as varied as cladding, doors and windows. Powder-coated components make for an easy match with other materials such as glass, plastic, or wood. Colour and surface finish can easily be adjusted without compromising the strong functional properties, such as weather-ability, elasticity and high impact and abrasion resistance. Axalta can even replicate anodic finishes.

The advantages of powder coatings:

- An unlimited choice of colours, gloss levels, metallic and pearl effects

- High variety of surface finishes: textures, leatherette, hammer, wrinkle and other finishes
- Excellent mechanical properties: a high level of impact resistance and edge protection are achieved through only a single layer coating
- Ease of application and low conversion cost: single layer coating and material transfer efficiencies of up to 98% (because of the recovery and reuse of the overspray), substantially reducing the applied cost
- Environmentally and ecologically friendly coatings: Axalta powder coatings are solvent-free and do not contain either lead or TGIC.

ALESTA® AP architectural coatings: Axalta offers a range of products with excellent mechanical and weathering resistance characteristics, which makes them particularly suitable for outdoor architectural purposes. As well as a 'standard' durable finish, Axalta has also developed 'Superdurable' finish for extremely hostile weathering environments. The range includes full gloss, semi-gloss or matt finishes, and varying levels of textures such as leatherette and sand. Speckled, metallic and pearlescent finishes are available.

Architectural colour ranges:

As a vital part of the customer service programme, Axalta create and maintain their own collection of architectural colour ranges.

Best of Collection - Aliages and Variances: 29 designed metallic or speckled colours with different textures.

Opalin: 15 matt pearlescent appearance colours.

Classics: A collection of bonded, sophisticated, metallic greys.

Minerals: A collection of metallic textures.

Architects Edition: A remarkable collection of 16 special finishes in ALESTA® Super Durable coatings.

Anodic: Seven finishes matching chemical anodising and fulfilling architectural standards (Qualicoat and GSB).

RAL and BS colour range: Over 200 colours in gloss, satin or matt finish.

Fine Textured: 88 RAL with fine textured finishes.

PERFORMANCE

ALESTA® AP, Axalta Powder Coatings' range of architectural grade polyesters are manufactured and individually tested in accordance with ISO 9001 quality

system. Polymers and pigments, selected by the Axalta laboratory, are field-tested and satisfy or exceed the requirements of:

- BS 6496/EN 12206-1: 2004 for aluminium
- BS 6497/EN 13438: 2005 for galvanized steel
- Qualicoat
- GSB
- BS 476 Fire Approval - Part 6 Class 1, Part 7 Fire propagation index below required limits
- Combined test result: Class '0' defined by the Building Regulations
- Pass Smoke Emission BS 6853
- Approved by London Underground to meet the requirements of E1042.

GUARANTEES

Axalta Powder Coatings can offer a 25 year guarantee when applied by approved applicators.

SERVICES

In order to guarantee the highest quality, ALESTA® AP is applied by a network of approved applicators working in accordance with BS 6496/EN 12206-1: 2004 and BS 6497/EN 13438: 2005.

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