



# Aluminium Window Spraying

## Colour+fast (AC-02) Aluminium Coating

### Specification & Datasheet

#### Description

Colour+fast (AC-02) is a professional quality paint system for the on site spraying of all types of aluminium window frames.

Excellent adhesion is achieved to powder coated, bronze anodised and satin anodised finishes, using a range of etch and two pack epoxy primers. The finishing coat is a fast drying two pack acrylic, which utilises

the latest resin and pigment technology to provide a durable finish in a large range of colours and gloss levels. Applied using High Volume Low Pressure (HVLP) spray equipment to ensure a consistent and even surface finish, this high quality coating is isocyanate free and ideal for spray application in both internal and external locations.

#### Specification

##### Coating:

colour+fast (AC-02) Aluminium Coating

##### Surface:

Aluminium framing to windows and curtain walling

##### Colour:

BS and RAL Colour References

##### Preparation:

1. Remove all loose and flaking coatings back to a hard edge and feather back
2. Fine filling of minor imperfections (i.e. scratches and screw holes)
3. Thoroughly abrade all surfaces of aluminium framing to be re-coated
4. Wash down all surfaces with colour+fast (AC-02/678) Panel Wash
5. Fully mask and protect all adjacent surfaces

##### Application:

1. Spray apply 1 no. coat (minimum 5 microns) of colour+fast (AC-02/903) Two Pack Etch Primer to all areas of bare metal.
2. Spray apply 1 no. coat (minimum 30 microns) of colour+fast (AC-02/750) base coat to all surfaces.
3. Spray apply 2 no. full coats (minimum 25 microns) of colour+fast (AC-02/800) Two Pack Acrylic finish coat.
4. De-mask and clean down.

##### Applicator:

colour+fast™ (AC-02) coating to be applied by approved applicator



#### Key Properties

- Professional Quality, Durable Finish
- Full Range of BS & RAL Colours
- 5 Year Warranty Available
- Unique Resin & Pigment Technology
- Extremely Fast Drying
- Wide Range of Gloss Levels
- Internal & External Surfaces



Colour+fast™ Aluminium Coatings

## » Spray coatings for commercial and retail properties

### Datasheet

#### Recommended Uses

Internal and external aluminium framing to windows, curtain walling, glazed atriums etc. Typical locations include commercial offices, Industrial units, schools, hospitals and other public buildings.

#### Type of substrate

Aluminium framing to windows and curtain walling. To include powder coated, plain aluminium and anodised surfaces.

#### Colour Range

Available in a range of BS and RAL colour references, including metallic finishes.

#### Gloss Level

Full Gloss (90%)

Semi Gloss (60%)

Eggshell (30%)

Matt (10%)

#### Volume Solid

46.9%

*(dependent on colour & gloss)*

#### Coverage

Approximately 16 square metres per litre @ 30 microns.

#### Drying Time

Touch dry in 30 mins. Re-coatable wet-on-wet.

#### Transportation & Storage

To avoid risk of spillage, always store and transport in a secure upright position. Store in a well ventilated, dry place away from sources of heat and direct sunlight.

#### Thinner

Solvent Based Thinner.

#### VOC Content

446g/l (dependent on colour & gloss level)

#### Film Thickness

Wet: 70-80 µm, Dry: 25-35 µm

#### Preparation

Remove all existing loose and flaking coatings back to a hard edge and feather back. Fine fill all minor imperfections (i.e. scratches and screw holes), leave to dry and then thoroughly abrade. Degrease all surfaces.

#### Masking & Protection

Fully mask and protect all glazing, rubber gaskets and window furniture not to be sprayed. Fully mask & protect all adjacent surfaces to ensure that walls, floors, furniture and stock are protected.

#### Application

Stir well. Application by HVLP spraying equipment to ensure a uniform appearance and finish.

#### Cleaning

Clean equipment immediately after use with solvent based thinners.

#### Precautions

- Ensure good ventilation during application and drying.
- Avoid contact with skin and eyes. Wear safety eyewear and rubber gloves.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner
- When spraying do not breathe spray, wear suitable respiratory protective equipment.
- Keep out of the reach of children.
- Safety data sheet available for professional user on request.

#### Sizes

1 Litre, 5 Litres

### Supply Information

#### Approved Applicators

Application must only be undertaken by approved and experienced operatives.

#### Customer Service

Free site survey reports, quotations and technical advice are available from sprayzone.

#### Project Management

Each project is directly controlled by sprayzone's experienced and qualified contracts department.

#### References

Current references can be obtained by contacting sprayzone. Case Studies also available at our website: [www.sprayzone.co.uk](http://www.sprayzone.co.uk)

#### Other Services

Sprayzone have developed coating systems for ceilings, shopfronts, cladding panels, soffits and walls. Data sheets for these systems are available on request.

