

AQ STATIC E-05-37 ...

Waterborne white antistatic paint

Technical data sheet: RA 156
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Coating characteristics

Polymer matrix	Acrylic
Pigment	Metallic oxides
Solvent	Water
Density	1.42 ± 0.05
Solids content	50 % ± 2 %
V.O.C.	33 g / L
Solar absorptance	$\alpha_p = 0,46 \pm 0,04$ (AL) $\alpha_p = 0,35 \pm 0,04$ (PSE)
IR Emittance	$\epsilon_{N,IR} = 0,89 \pm 0,02$ (AL), (PSE)
Electrical surface resistance	$R_s = 1$ to $1000 \cdot 10^6 \Omega/\square$
Standard thickness	15 μm to 25 μm About 1 crossed coat
Theoretical Consumption	100g / m ² of product @ 20 μm i.e. 2.51 g dry / m ² per dry μm
Surface preparation	<u>On dielectrical substrates:</u> degrease and dust perfectly the surface. Any sticking on the paint being absolutely prohibited, the sticking areas must be masked before any paint application.
Dilution	About 20 % water
Filtration	Nylon filter 80 μm
Viscosity	About 35 s AFNOR Cup 4 @ 20°C
Final drying	1 h @ 20°C & 1 h minimum @ 40°C

Definition

Antistatic one component white paint providing excellent electrostatic discharge dissipation (ESD) and elimination on dielectric substrates.

Aspect: **Mat white**

AFNOR NFT 36005 classification: Family I Class 10c.

Purpose: developed by MAP laboratory, AQ STATIC E-05-37 paint may find applications in the following fields: space industries, aeronautics, electronics, etc.

Application parameters

AQ STATIC E-05-37 paint must be diluted and homogenized carefully before use, under mechanical mixing, at medium speed. During the application, mix the paint from time to time to prevent it from settling.

For information only:

Spray gun: **KREMLIN J4, nozzle 12, AM head, gravity alimentation**

Output: **2 turns, oval jet**

Pressure: **2 bars**

Vector gas: **Compressed air**

Packaging

1 Kg

Storage

6 months in original unopened packaging at 20°C +/- 5°C and away from humidity.

Safety data

Precautions **➤** This product is not flammable. This preparation is not classified as a health hazard according to 1999/45/CE directive.

Labelling **➤** This preparation was classified in compliance with the directives in effect.

Transport **➤** Please refer to our corresponding safety data sheets.

*Non-contractual technical data: for your information only.
For further information, please contact us.*

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Société Anonyme à Directoire et Conseil de Surveillance au capital de 1 500 000 €

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