



Polyester Powder-Coated Finish Inspection Policy – Aspect Windows

This policy explains how the appearance of polyester powder-coated aluminium windows and doors should be assessed following installation. It is based on the appearance criteria set out in the QUALICOAT Specifications.

Inspection distance

The powder-coated finish should be viewed from the following distances:

- External surfaces: 5 metres
- Internal surfaces: 3 metres

The product should be viewed in its installed position, looking at the surface from an **oblique angle of approximately 60°**.

Inspection from very close range, or using magnification or artificial lighting directed specifically at the surface, **is not** representative of the QUALICOAT assessment method.

Significant surfaces

Assessment applies to the “significant surface”. This means the visible parts of the product that are important to its appearance and serviceability when installed and used normally.

The following are not generally considered significant surfaces:

- Edges
- Deep recesses
- Concealed areas
- Secondary surfaces that are not normally visible **Acceptable appearance**

When viewed under the conditions and from the distances stated above, the powder-coated finish should:

- Have an even colour and gloss
- Provide consistent coverage
- Be free from visible excessive roughness, runs or blisters
- Be free from visible inclusions, craters, pinholes or pits
- Be free from visible scratches and other unacceptable cosmetic flaws

Minor surface marks or inclusions that are only visible during close-up examination are **not automatically** considered defects.

QUALICOAT does not specify a permitted number of inclusions or minor marks per metre. Acceptance is determined by whether they are visible from the prescribed viewing distance under normal inspection conditions.

Scratches through to the aluminium

Scratches that penetrate the powder coating and expose the aluminium substrate are not acceptable on a significant surface.

This is different from a superficial mark that does not pass through the coating. Superficial marks should be assessed using the viewing criteria above.

Reporting a concern

If you believe the powder-coated finish does not meet these criteria, please provide:

- A photograph showing the complete window or door from the relevant inspection distance
- A closer photograph identifying the area of concern
- The location of the affected product
- Confirmation of whether the affected surface is internal or external

Remedial work

Where an inspection confirms that damage or a defect has occurred and is under the responsibility of Aspect Windows, the terms of our warranty allow us the opportunity to remedy the issue before a replacement is considered.

We reserve the right to arrange suitable repair work, which will be carried out by a qualified specialist engineer.

Aspect Windows will assess the finish against this policy and, where appropriate, consult the product manufacturer or powder-coating supplier.

This policy applies to the powder-coated aluminium finish only. Glass, hardware, sealants, installation materials and damage caused after installation are assessed separately.

References

[QUALICOAT Specifications, 2025 edition, "Appearance", Volume 1, Chapter 3, pages 31–32.](#)

[Introduction to the QUALICOAT Specifications, 26th Edition](#)