

Subject Vanta Aesthetic Standards	Effective Date: 07/09/2026	Number: QAP039
	Pages: 2	Revision: B

1.0 PURPOSE: To clearly define cosmetic imperfection allowance on Vanta (BE) material during end of line inspection for the interior and exterior of finished windows.

2.0 SCOPE: All window and doors made with Vanta Black material.

3.0 DEFINITIONS:

Scratch- Score or mark on a surface caused by a sharp object.

Pit- Small recessed blemish (black point, crater or falling star shape).

Dent/Die Line- Linear imperfections that run parallel to the extrusion surface.

Shiny/Dull Streaks- streaks along the length of the profile that are shiny/duller than the majority of the surface finish.

Texture/Roughness- Surface irregularity along the length of the profile.

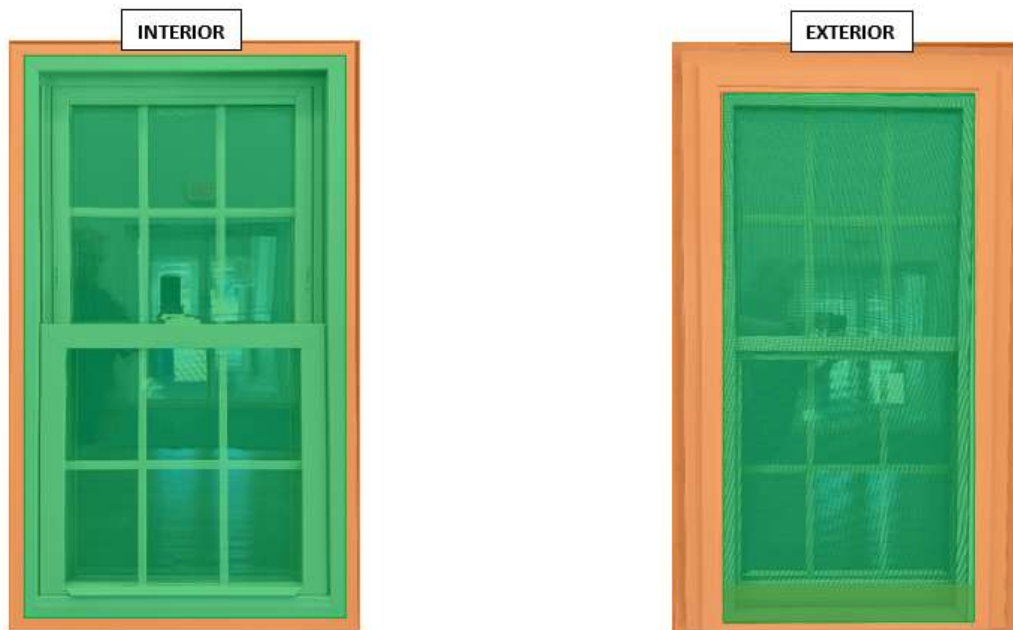
Discoloration- color variation seen after manufacturing and/or welding of the vinyl.

Viwinco Approved Inspection Observation Conditions

Cleaning: Before inspection, reference the Viwinco Vanta Technical Bulletin for proper cleaning.

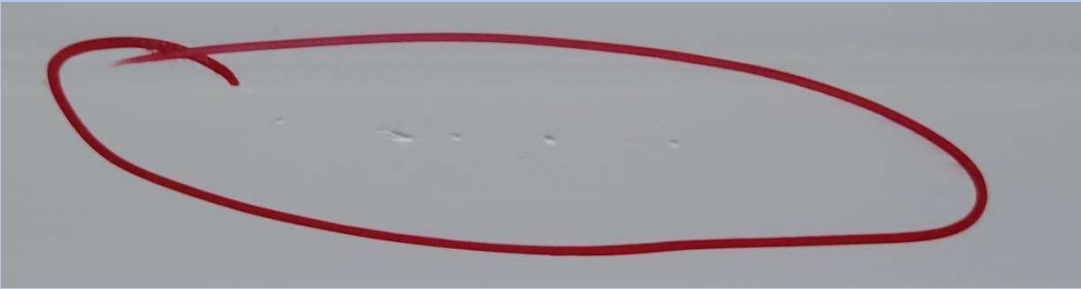
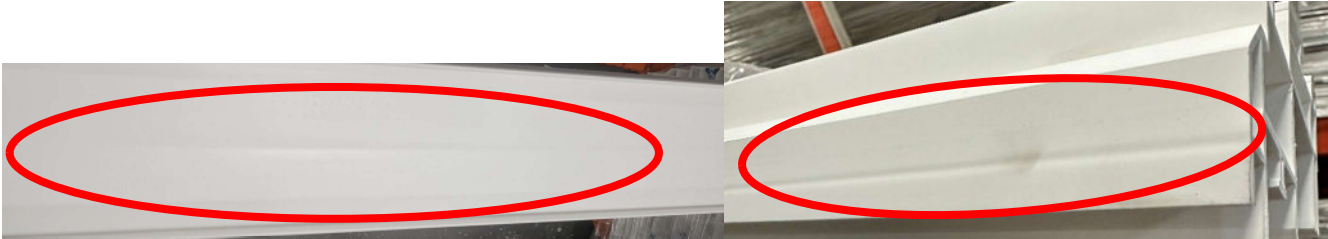
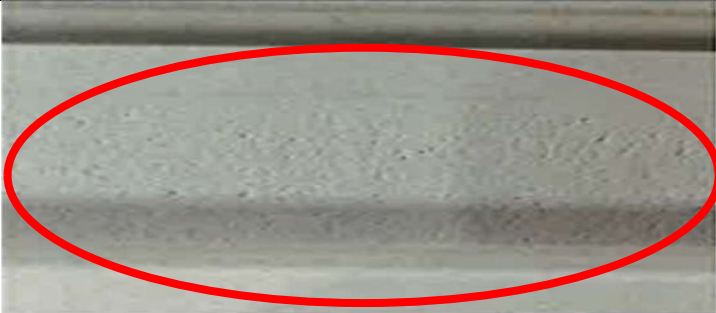
Observation: Window viewed at **90 degrees** using the naked eye at a distance of **5 feet** in indirect lighting for **3 seconds**.

Note: Cosmetic imperfections are cause for rejection, **ONLY** if observable under the above inspection conditions.



Interior Critical Zones		Exterior Critical Zones	
Orange- Outer 20% of the window		Orange- Frame of the window	
Green- Remaining 80% of the window		Green- Sashes of the window	
Allowed Interior Cosmetic Imperfections		Allowed Exterior Cosmetic Imperfections	
1	Scratch: Visible from observation distance or: Orange- One under 1" in length per 12" or one per surface with a max of 2 per unit Green- One under 1" in length per 24" with a max of 2 per unit	1	Scratch: Visible from observation distance or: Orange- One under 1" in length per 12" with a max of 3 per unit Green- One under 1" in length per 24" with a max of 2 per unit
2	Pit: No larger than 1/32". Line or clusters NOT permitted. Orange- One per 12" with a max of 3 per unit Green- One per 24" or one per surface with a max of 2 per unit		
3	Dent/Die Line: Allowed if not being able to feel or visible from observation distance.		
4	Shiny/Dull Streaks: Allowed pending it passes color check in light box.		
5	Texture/Roughness: Allowed if not being able to feel or visible from observation distance.		
6	Vinyl Discoloration: Allowed regardless of viewing distance		

Examples of Cosmetic Imperfections

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