

TM 12-20

**Test Method for Factory
Applied Pigmented Finish
Coatings for Wood and
Wood Cellulosic
Composites Used for
Millwork**



**WINDOW & DOOR
MANUFACTURERS ASSOCIATION**

WDMA

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WINDOW & DOOR MANUFACTURERS ASSOCIATION
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TEST METHOD
FOR FACTORY APPLIED PIGMENTED COATINGS FOR WOOD AND
WOOD CELLULOSIC COMPOSITES USED FOR MILLWORK

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1. Purpose

This specification is intended to assist the architect, owner, and contractor in specifying and obtaining factory applied exterior finishes, which will provide an acceptable level of performance in terms of film integrity, durability, and general appearance over a period of many years Refer to WDMA T.M. 14 for interior applications.

2. Scope

This document describes standard tests required for factory applied exterior pigmented coatings for wood and cellulosic composite millwork that will ensure a minimum acceptable level of performance with respect to film integrity, exterior weatherability and general appearance without the application of an additional field coating.

3. General

- 3.1.** To meet this guideline, tested products shall meet all recommendations as specified herein.
- 3.2.** Water Repellent Preservative Treatment of Millwork is required prior to application of all factory applied pigmented finish coatings for exterior millwork per the specifications found in WDMA I.S. 4.
- 3.3.** Factory applied pigmented coatings shall be visibly free from flow lines, streaks, blisters or other surface imperfections in the dry-film state on exposed surfaces as observed from 3 meters (10 feet) away, perpendicular to the surface.
- 3.4.** Total dry film thickness on exposed surfaces shall be specified per the coating manufacturer. Measurement areas shall be evenly dispersed over the significant exposed area. 80% of the measurements shall meet or exceed the minimum film thickness. In no case shall measurements be below 85% of film thickness specified.