

## TECHNICAL DATA

### Dura-Lam by Stevens Wood

#### 1. Manufacturer

Stevens Industries  
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#### 2. Product Description

Dura-Lam is a unique decorative panel that utilizes a proprietary TFL resin formulation that is engineered to meet or exceed Vertical Grade HPL surface performance standards on typical substrates such as particleboard or MDF cores. Dura-Lam was developed to leverage new resin technologies and with modern manufacturing techniques to provide an innovative surface at an economical price point.

#### 3. Recommended Uses

Dura-Lam utilizes modern resin technology to provide high wear and impact performance with a thermo-fused bond to eliminate any delamination. Dura-Lam by StevensWood is specifically designed for exceptional performance when used to produce fine quality residential cabinets, contract furniture and contract casework. Dura-Lam can also be used to produce architectural products such as columns, interior doors and divider systems.

#### 4. Product Details

Dura-Lam by StevensWood is produced utilizing decorative papers impregnated with proprietary engineered resin system. The papers are then thermo-fused directly to the substrate at a temperature of 330 degrees F and pressure of 600 PSI.

## 5. Finishes

Dura-Lam by StevensWood is available in StevensWood standard finishes.

## 6. Technical Data

### The Performance Standard for Thermally Fused Decorative Panels

Tests For Resistance To:	Test Description	Stevens Wood Melamine/TFL Solid Colors	Stevens Wood Melamine/TFL Wood Grains	Stevens Wood Dura-Lam Panel (PB Core)	Stevens Wood Dura-Lam Panel (MDF Core)	NEMA LD3-2001 VG .30 HPL Minimum Performance Standard
Wear	A measure of the ability of a decorative overlaid surface to maintain its design or color when subjected to abrasive wear.	400 Cycles	125 cycles	400 Cycles	400 Cycles	400 Cycles
Scuff	A measure of the ability of a decorative surface to maintain its original appearance when exposed to scuffing.	No effect	No effect	No effect	No effect	No effect
Stain	A measure of the ability of a decorative surface to resist staining or discoloration by contact from 29 common household substances.	No effect 1-23. Moderate 24-29.	No effect 1-23. Moderate 24-29.	No effect 1-23. Moderate 24-29.	No effect 1-23. Moderate 24-29.	No effect 1-23. Moderate 24-29.
Cleanability	A measure of the ability of a decorative surface to be cleaned using a sponge	No effect. Surface cleaned in 10 or fewer strokes.	No effect. Surface cleaned in 10 or fewer strokes.	No effect. Surface cleaned in 10 or fewer strokes.	No effect. Surface cleaned in 10 or fewer strokes.	Slight
Light	A measure of the ability of a decorative surface to retain its color after exposed to a light source having a frequency range approximating sunlight	Slight	Slight	Slight	Slight	Slight
High Temperature	A measure of the ability of a decorative surface to maintain its color and surface texture when subjected to a high temperature.	Slight	Slight	Slight	Slight	Slight
Radiant Heat	A measure of the ability of a decorative surface to resist spot damage when subjected to radiant heat source.	No effect up to 60 seconds.	No effect up to 60 seconds.	No effect up to 60 seconds.	No effect up to 60 seconds.	No effect up to 60 seconds.
Boiling Water	A measure of the ability of a decorative surface to maintain its color and surface texture when subjected to boiling water.	No effect	No effect	No effect	No effect	No effect
Impact	A measure of the ability of a decorative surface to resist fracture due to spot impact by a steel ball dropped from a measured height.	15" without fracture	15" without fracture	24" without fracture	25" without fracture	20" without fracture