

# NOVA

ULTRAVIOLET CURED FLATLINE FINISH

## PREFINISHED PANELS

Premium mill finished hardwood panels from States Industries, lower finishing cost, speed up production times and reduce or eliminate emissions of volatile organic compounds.

## UV CURING

Ultraviolet curing technology allows States to apply a 100% solid, scratch resistant, epoxy acrylate topcoat, containing no formaldehyde, and emitting no VOCs in manufacturing or use.

In addition to clear topcoats, States provides custom color matches to your existing finish, as well as offering solid opaque colors and print patterns of Maple, Oak and Cherry. Three standard gloss levels are offered.

NOVA panels are extremely durable and chemically resistant. Overspray from other finishing methods can be removed from NOVA panels with acetone.

## PERFORMANCE\*

NOVA panels meet the finish performance standards specified by the Kitchen Cabinet Manufacturer's Association as outlined in ANSI/KCMA A161.1 – 1995, section 9.0. including;

### 9.1 *Shrinkage and Heat Resistance*

#### Required Performance

No appreciable discoloration and no evidence of blistering, checks or other film failure

### 9.2 *Hot and Cold Check Resistance*

#### Required Performance

No appreciable discoloration and no evidence of blistering, cold checking, or other film failure.

### 9.3 *Chemical Resistance*

#### Required Performance

Vinegar, lemon, orange, and grape juices, tomato catsup, coffee, olive oil, 100 proof alcohol, detergent and water – 24 Hours, and mustard one hour produce no appreciable discoloration, stain or whitening that will not disperse with ordinary polishing.



## COST ADVANTAGE

Per square foot finish cost is well below conventionally applied coatings. The costs advantages of NOVA UV cured panels are derived from the transfer efficiency of flat line finishing, and the rapid cure rate. Excess finish is recycled, while that applied to panels is cured instantaneously. NOVA finishes are 100% solid content, so no VOC's are released by curing.

## RECOGNIZED SUPERIORITY

Both the Architectural Woodworking Institute and the Woodworking Institute include finish performance comparisons in their printed standards. Their evaluations highlight the superior quality of UV Cured finishes.

See AWI Quality Standards Illustrated, 8<sup>th</sup> Edition, Section 1500 & Woodwork Institute Manual of Millwork, 11<sup>th</sup> Edition, Section 5.

## THE STATES ADVANTAGE

States has 40 year's experience in prefinishing hardwood panels, 15 year's using UV cured coatings. Half of our production is prefinished. No other panel supplier has the experience or the dedication to providing high quality prefinished panels. Additionally, States offers more finish options than anyone else in the industry, insuring the right match of panel and finish for the specific application. States can process any NOVA panel into fully machined and edgebanded components.

## NOVA PANEL CONFIGURATIONS

States manufactures NOVA panels using all domestic and most imported face veneers. Substrates include veneer core, MDF, particleboard, ArmorCore® and ApplePly®. Panels are produced in 48" width, and lengths between 6' and 10'. Thicknesses from 5/32" to 1 1/2" are available. NOVA finishes do not affect a panel's flame spread rating.

# SPECIFY NOVA

\*Test conducted using clear finish on maple laminated to MDF, results may vary with specie & substrate