



## PROCESS GUIDE HOW TO LAMINATE AECORE

aeCore™ general purpose vinyl decorative laminate is a reliable product that can be bonded on most common substrates used in the industry, such as particle board, MDF and plywood.

aeCore™ general purpose vinyl decorative laminate is for interior use only and it is not recommended for direct application to plaster, concrete walls or gypsum wallboard as it is not structural material.

### **Installation**

All substrates to be laminated should be inspected prior to installation to ensure that they are clean and free of surface defects or particles.

Adhesive and substrates should be allowed to acclimate to room temperature (approximately 60 degrees F or above) before adhesive application.

aeCore™ laminate can be bonded with several types of adhesives, like permanent types, such as PUR, hotmelt and contact types.

In all cases, the assembly process is made simple, fast and effective.

If the application is done as recommended, this will allow immediate handling and routing of the bonded board.

#### **Step 1.**

Apply a light coat of adhesive uniformly and cover a minimum of 80% to both substrates. Cover edges 100%. Depending on adhesive used, coverage might vary, however, for best results, cover a minimum of 2 dry grams/ft<sup>2</sup> on both substrates.

#### **Step 2.**

Allow for approximately 3 to 7 minutes of open time before bonding. Dry time might vary depending on the adhesive. Solvent base contact cement dries faster than water base adhesives. When ready to bond, surfaces will be tacky but should not transfer to a pressed firm fingerprint.

#### **Step 3.**

Contact the substrates and apply uniform pressure to create strong, lasting bonds. 30 – 40 pounds per linear inch is recommended to ensure complete fusion between the two layers of adhesive. Use a mechanical pinch roller or a 3" wide rubber J-roller.

#### **Step 4.**

Immediate trimming, routing, cutting and finishing is possible.

***Tips: The protective film should be removed prior to inspection.***

