



## EB Foils® with Armorite Plus™

### Product Description

The woodgrain and pigmented EB Series Foils with Armorite Plus are specifically formulated with our proprietary top coat – Armorite Plus. These foils feature clean release, excellent adhesion, and exceptional scratch and chemical resistance with little to no fringing. The abrasion and scuff resistance is clearly superior to any other similar product available today. The EB Series Foils with Armorite Plus can be applied on flat surfaces, profile edges and bluff cut profiles. EB Foils process well on virtually all types of roll-on equipment. They are formulated for use on furniture, kitchen and television cabinets, case goods, award plaques, window trim, doors and moldings.

EB foils are available in either 42" or 50" widths (1,067 or 1,270 mm) (depending on print cylinder availability) and are commonly supplied in 5,000 foot (1,524 meters) rolls on 3 inch (76 mm) cores. Foil can be supplied in jumbo rolls or slit to specified widths. CFC's EB Foils are designed for razor slitting and CFC **does not** recommend log or baloney cutting of our EB Foils.

### Substrates

- Hardboard
- Medium density fiberboard (MDF)
- Some grades of particleboard

### Recommended Stamping Conditions

CONDITION	ROLL-ON PRESS
Temperature Range	325° - 400° F / 163° - 205°C (rollers)
Glue Line Temperature	235° - 255° F / 113° - 124°C
Type of Roller	Silicone Rubber Durometer 60-80
Traversing Speed	10 - 30 feet per minute for single roller Up to 100 feet per minute multiple rollers

**Top Coat Resistance** – No material effect on EB Armorite Plus Foils following:

### Abrasion Resistance

- Taber – CS10/1,000 gr. 400 cycles
- Falling sand 5 liters
- Number 3 steel wool 60 double rubs
- Hoffman Scratch Test 700 gr.

### Humidity

120 hours 96-100% RH @ 40°C on MDF

### MEK Double Rubs - Crockmeter

Withstands 70 cycles

### Chemical Resistance

Lemon juice	Cola
Catsup	Beer
Mustard	Wine
Mineral Oil	Water
Coffee	Alcohol
Detergent	Lipstick
Furniture Polish	

# PRINTED PRODUCTS



## EB Foils® with Armorite Plus™

### CFC EB Armorite Plus Foils

Available in a wide variety of colors and patterns including cross grain, marble, granite and burl.

Features	Advantages	Benefits
Armorite Plus™ protective coating	Durable finish with outstanding scuff, fade and chemical resistance	Reduces scrap during processing and shipping which directly improves your bottom line. The end user gets a superior overall product that leads to greater customer satisfaction.
One-step decorative process	The complete decorative transfer process is user-friendly and takes one production step.	Saves time, space and improves efficiency.
Overstamping	Previously decorated parts can be redecorated with the same foil	Reduces scrap by allowing damaged parts to be redecorated.
Dry transfer process	No pre-adhesives or primers required.	No need for a solvent disposal system.
Flexibility	Change color, pattern or design by switching one roll to another.	Ability to produce short or long customer orders.
Pattern and solid color finishes	Abundant resources of straight, cross grain and solid color finishes.	Diverse inventory of products to select.
Transfer at point of contact only	No trimming of edges necessary.	Most efficient edging method available.

NOTE: Instructions given herein are approximate and adjustment may be required in adapting materials for use in any specific application. The data presented is a result of careful and extensive research. However, since the actual conditions under which the materials may be used are beyond our control, no warranty of any kind, expressed or implied, concerning the use of the products is made. Date: 09/11/08.