

LG BENIF characteristics

- Over 500 Patterns
- Interior Applications
- Class 'A' Fire Rated (UL-723) as well as being rated for Fire Door Applications
- Repairable
- Stain & Solvent Resistant
- Minimal Down Time
- Flexible for 2-Dimensional Applications
- Conformable for 3-Dimensional Applications



Benif™ Interior Film

1. Description

Benif™ is Beautiful and Easy life with Natural Interior Film with the advanced printing process to provide the customer with the world of design.

2. Construction

- Face Film : 8 mil (0.2mm)
- Adhesive : Permanent pressure-sensitive adhesive
- Width & Roll Length : 48 inch (1,220 mm), 50 liner yard (or meter) / roll

3. Product Specifications

Flammability - Flame spread - Smoke density	ASTM E84	Class A rating
Weatherability	Xenon-Meter	No appreciable change(200hr)
Heat Stability	210°F, 70min	No appreciable change
Dimensional Stability	145°F, 24hr	1mm max.
Abrasion Resistance	JIS K 7204	1,000 cycle
Chemical Resistance - Petroleum Benzene - n-Hexane - 10% HCl - 10% NaOH - 10% H ₂ SO ₄ - Saturated Ca(OH) ₂ - Mild alkali, mild acids and salt	KS M3506 KS M 3332	No appreciable change
- Toluene - Ethyl Acetate - MEK (Methyl Ethyl Ketone) - Acetone		Some change

Cleaning Architectural Fusions (Belbien, Reatec, LG Benif)

In most all cases, the stains can be easily cleaned off by using a household cleaner such as dishwashing liquid. In other cases, a solution of denatured alcohol will generally remove the stain. For severe stains, it is possible to use lacquer thinner or acetone in some instances.

Note: It is highly advisable to test any strong solvent's compatibility with the fusion in an inconspicuous area prior to applying the solvent to a visible area. Read the following topics for solvent resistance. It is important to refrain from using abrasive cleaners on any vinyl fusion because it could damage the surface.

Solvent Resistance

The exterior series is more resistant to strong solvents than the Interior series. This is because of an anti-corrosive film layer that is incorporated with the exterior series.

The anti-corrosive film layer is comparable in nature to the makeup of fluoride or Teflon. However, it is important to refrain from making a "direct comparison" because they are somewhat different.

The following solvents were exposed to the exterior series and appreciable change was observed.

- Toluene
- MEK (Methyl Ethyl Ketone)
- Acetone

****** If you have any questions regarding care or maintenance of the Fusions product please contact Surfacequest Inc.***