TECHNICAL GUIDE October 18, 2021

Product Details

- Thirty-two standard creative reflective panel designs are represented in the LUMINUX Collections: Urban, Geo-graphic, Organic, Retro, Vintage, and Iconic Antique Mirrors
- LUMINUX can create an infinite color palette selection within our select vector based standard design offerings; your PMS, CMYK, or RGB colors are required. (All colors subject to variation given printing process.)
- Original designs can be custom made to order with our in-house LUMINUX Creative Team.
- Customer Owned Material (C.O.M.) can be incorporated into your next LUMINUX project. Simply supply your vector-based artwork (.ai, .eps, .svg files) or non-vector-based files such as .TIFF or high res. JPG file (minimum 3000 x 4000 pixels)

Dimensions & Weights

CLASS A FIRE RATED ALUMINUM MATERIAL
- Standard Sheet Thickness: .020
- Standard Full Sheet Size: 46" x 94"
- Weight: Approx. 0.3 pound per square foot

Substrate

LUMINUX Class A substrate consists of (1) aluminum sheeting panel available in 46" x 94" max panel sizes.

Surface

- A single sided application.
- LUMINUX surfaces have a gloss finish created by our face-mounted specialty protective film which is applied to minimize scratching and to protect images from UV damage.

Cutting/Fabrication

- LUMINUX specialty protective film requires that panels be cut to shape and size in LUMINUX shop prior to shipment.
- Trimmed Sheet sizes (46" x 94") represent the maximum finish size trimmed sheet available.
- Supply LUMINUX vector based: .ai, .eps, .svg files for in-shop cutting, cost estimates and your   original artwork. Supply .dwg files of your field measurements.
- All original artwork must fit into a 46" x 94" live art area with .25" bleed on all sides as required.

Installation

Recommendations for installing LUMINUX panels are as follows:
- No mechanical fasteners should be used. Tightening of fasteners may dimple LUMINUX substrate material.
- DO NOT REMOVE CLEAR FILM FROM FACE OF LUMINUX PRODUCT or Product Warranty will be void.
- Use readily available compatible (aluminum to substrate) adhesives as per adhesive manufacturers' recommendations. (i.e. Liquid Nails)
- Do not install LUMINUX on damaged walls. Your porous or non-porous substrate must be flat, even, clean and dry before successful installation can be performed.
- Again, DO NOT REMOVE CLEAR FILM FROM FACE OF LUMINUX PRODUCT or Product Warranty will be void.

- Allow approximately a minimum 1/16" expansion space between panels to create expansion joints in the event of nominal panel expansion or contraction following installation.
- Remove any adhesive from face of panel prior to adhesive curing for easy clean-up by using a tested solvent and soft rag.

Flammability Properties

- ASTM E-84: Class A (Aluminum Sheeting Substrate)

Cleaning and Maintenance

- Clean with water, Glass Cleaner, and/or Vinegar or test your preferred cleaning solvent on sample or hidden area of product. DO NOT use abrasive products. Remove any adhesive from face of panels prior to curing for easy clean-up using water and soft rag.

Samples

- LUMINUX Standard Design Samples comprise of quantity (32) 3.25" x 5" samples.
- Contact LUMINUX for availability of selected Standard Design Samples and delivery lead time.
- Custom samples measure up to 12" x 24" panels. Contact LUMINUX for pricing. Custom sample costs are reimbursed upon completion of installation.

Ordering

LUMINUX 46" x 94" sheets are made to order in full or custom cut sizes and/or shapes. Typical production lead time is a minimum of 4-6 weeks (plus transit) pending production workload at time of order. Rush Orders are considered.

Crating and Shipping

LUMINUX panels are shipped in cardboard box containers secured on wood pallet(s). Product is to remain flat to alleviate warping. Do NOT add weight on top of material as damage will occur. Shipping quotes are available no sooner than 2 weeks before shipment.

Receipt of Shipment

Inventory Order and inspect product before accepting shipment. Report damage within 12 hours accompanied with photo evidence. LUMINUX is a hand-applied product; therefore, finishes may present slight imperfections.

Storage and Handling

LUMINUX product is to remain flat in shipping container until time of installation to prevent warpage and on-site damage. DO NOT add weight on top of material as damage will occur. DO NOT place panels face to face or face to back without a non-stick barrier between panels as the specialty protective film will stick together and cause peeling thereby voiding product warranty.

Disclaimer

Contents of this documentation are believed to be accurate and reliable; however, because conditions and methods of fabrication and installation are beyond LUMINUX control, we recommend purchasers determine suitability of LUMINUX product use. Jancik Arts International, Inc./LUMINUX is not liable for direct, consequential, economic, or other damages. No Warranty is expressed or implied. LUMINUX is a hand-applied product; therefore, finishes may present slight imperfections.

FOR MORE INFORMATION, CONTACT US   1.800.337.3526
http://www.luminuxpanels.com