

## KYDEX® XD03 3D Laminate

Integral pearlescent sheet for flat lamination and membrane pressed applications

### INTRODUCTION

KYDEX® XD03 is a proprietary, high performance thermoplastic sheet specifically formulated to meet aesthetic effect for the design needs of the building and retail interiors industry. Integrally pearlescent, this sheet is perfect for use with LED lighting or on its own.

### GENERAL INFORMATION

KYDEX® XD03: superior impact, membrane pressable thermoplastic 3D laminate with integral pearlescent color. While providing good definition, it surpasses vinyl overlays, high pressure laminates and melamine in resistance to surface and edge impact. For flat lamination and membrane pressing.

### SUGGESTED APPLICATIONS

- Store fixtures
- Checkout counters
- Exhibits and displays
- Pedestals and stands
- Transaction surfaces
- Workstations
- Flat laminated panels
- Kiosks
- Cabinetry
- Door and drawer fascias
- Exhibits and displays
- Tabletops
- Logo and trademark panels
- Wainscot

### FEATURES

- Highlighted in a collection of 32 developed colours, colour matching also available
- Available in P-K texture and thicknesses 0.76mm (0.030") to 1.02mm (0.040")
- Easy to clean with aggressive cleaners such as Soft Scrub®, Fantastic®, and citrus-based cleaners such as Citri Kleen® (avoid ammoniated cleaners)
- Crisp detail, minimal rejects
- Can be formed on all standard presses and cut on all standard die-cutting machines
- Secondary operations including machining, sawing, blanking, punching, etc. are easily performed

### ENVIRONMENTAL & SAFETY CONSIDERATIONS

SEKISUI KYDEX, LLC is committed to ensuring that its products can be manufactured, transported, stored, used, disposed and recycled with an appropriate regard for safety, health and environmental protection. We support the safe handling of our products. Please contact our Technical Service department at 800.682.8758 for resources or visit our website: <http://www.kydex.com>. For Material Safety Data Sheets, please call 800.325.3133.



#### Customer Collaboration

6685 Low St, Bloomsburg, PA 17815 USA

Phone: 800.325.3133, +1.570.389.5810

Email: [info@kydex.com](mailto:info@kydex.com)

#### appLab™

Phone: 800.682.8758

Email: [applab@kydex.com](mailto:applab@kydex.com)

[kydex.com](http://kydex.com)

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PROPERTY	TEST METHOD	TYPICAL VALUE <sup>1</sup>
<b>PHYSICAL</b>		
Light Resistance	NEMA LD3.3	Severe Effect
Cleanability/Stain Resistance	NEMA LD3.4	No Effect
Boiling Water Resistance	NEMA LD3.5	Severe Effect
High Temperature Resistance (Oil)	NEMA LD3.6	Moderate Effect
Linear Glass Scratch Resistance	NEMA LD3.7	<50g
Diamond Scratch Resistance	NEMA LD3.7	3
Ball Impact Resistance	NEMA LD3.8	>3,000mm
Dart Impact Resistance	NEMA LD3.9	>1,075mm
Radiant Heat Resistance (Coil)	NEMA LD3.10	46 sec
Radiant Heat Resistance (Strip)	NEMA LD3.10	47 sec
Dimensional Change	NEMA LD3.11	MD: 0.26% TD: 0.39%
Room Temperature Dimensional Stability	NEMA LD3.12	MD: 0.07% TD: 0.03%
Wear Resistance	NEMA LD3.13	3,700 cycles
<b>FLAMMABILITY</b>		
Steiner Tunnel Flame Spread/Smoke Development	ASTM E84	Class 1/A (thicknesses 1.02mm (0.040") or less)
<sup>1</sup> Values based upon 0.76mm (0.030") sheet unless otherwise specified. Not intended for specification purposes.		
<b>NOTE: Material appearance will change in proportion to the amount of heat applied during processing.</b>		



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**appLab™**  
 Phone: 800.682.8758  
 Email: applab@kydex.com

kydex.com

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