



## Ultra-Gloss Panels Technical Sheet

### Finish:

Full 90 degree gloss finish with exceptional clarity and depth. Tremendous surface reflectivity provides exciting design opportunities in a wide variety of contemporary uses

### Colors:

Black, White and Almond. Produced with pigmented polyester acrylic coat

### Substrate Options:

Hardboard	1/8" thru 1/4"	4' x 8' Sheets
MDF		49" Maximum Width 6' to 10' Length

### Protective Film:

A protective film is applied to all Ultra Gloss Panels to protect them during the manufacturing process.

### Features and Benefits:

Finish Clarity-Significantly better than High Gloss Laminates or vinyls.

Durability-Exceptional scratch resistance and good abrasion resistance.

Stain Resistance-Stain resistance superior to HP laminates, melamines or vinyls is provided by a combination of the coating chemistry and a curing process.

### Physical Properties:

<u>Property</u>	<u>NEMA or Applicable Test Standard*</u>	<u>Lbs. per square foot</u>
Scratch Resistance	Hoffman	1600 Grams
Wear Resistance	LD3 301-180Grit	400 Cycles
Impact resistance	LD3-303 Steel Ball Drop	24 inches
Boiling Water Resistance	LD3-305 Boiling Water Container	No Effect
High Temp Resistance	LD3-306 350* Hot Wax Container	No Effect
Hot & Cold Check Resistance	ANSI A 161-1	No Effect
Stain Resistance	LD3-309 Reagents	No Effect
	1-29	No Effect

**Notes:** Impact Resistance is primarily a function of substrate face and will vary on MDS and Hardboard. Ultra-Gloss Panels is not recommended for use in kitchen counter tops or other high impact applications.

### Major Areas of Utilization:

Contemporary Bedrooms: Headboard, Dresser and Chest Tops  
Decorative Verticals  
Entertainment Centers  
Home Theaters/Wall Units  
High-End Cabinetry  
Displays and Shelving  
Black Plexiglas Replacement (1/8"-1/4")  
Custom Woodworking  
Occasional Tables

### Fabrication:

Ultra-Gloss  
Panels will be similar to a melamine when being cut. Panels should be cut using a triple chip blade with the top sheet face down. When cutting individual pieces a scoring blade is recommended if available.