

# 2-INCH THERMOGUARD™

RESIDENTIAL ARCHITECTURAL SPECIFICATIONS



## 2-INCH THERMOGUARD HIGHLIGHTS

**DOOR TYPE:** POLYURETHANE INSULATED    **PANEL THICKNESS:** 2.0 INCH    **R-VALUE:** R18    **INSTALLED U-FACTOR:** 0.14 BTU/HR-FT<sup>2</sup>-°F  
*U-Factor is tested per ANSI-DASMA 105. Installed U-Factor and calculated U-Value are NOT equivalent.*

SECTION INFORMATION			
STEEL	STANDARDS	SPECIFICATIONS	
<b>Thickness</b>	ASTM A653	Interior: 27 Ga.	20 GA available for both
<b>Embossing</b>		Pebble Texture	
<b>Hot Dipped Galvanized Coating</b>	ASTM A924		
THERMAL BREAKS	TYPE	LOCATION	
<b>Top/Bottom Extrusions</b>	PVC	Top/Bottom Of Sections	
<b>Alcryn</b>	Thermoplastic Elastomer	Bottom Of Sections	
<b>End Stile Seals</b> <i>(Commercial Only)</i>	Polypropylene	Face Side End Of Stiles	
STILES	MATERIAL	SPECIFICATIONS	
<b>End Stiles</b>	HDG Steel	16. Ga.	
<b>Center Stiles</b>	HDG Steel	20. Ga.	
FINISH	TYPE	SPECIFICATIONS	
<b>Prime Coat</b>	Urethane Primer	0.2 mil	
<b>Top Coat</b>	Baked On polyester	0.8 mil	

HARDWARE & COUNTERBALANCE		
HARDWARE	FEATURES	SPECIFICATIONS
<b>Hinges</b>	ASTM A123	G60
<b>Rollers</b>	Floating, Bearing	Nylon Steel
SPRING COUNTERBALANCE	STANDARDS	COMPLIANCE
<b>Helical Wound Coil Springs</b>	ASTM A229	10,000 Cycle Standard 25,000 Cycle Available 50,000 Cycle Available 100,000 Cycle Available
<b>Lift Cables</b>		Galvanized Aircraft Type
<b>Cross Header Shaft</b>	ANSI/DASMA 102	Designed For Appropriate SF

PERFORMANCE DATA		
FEATURE	STANDARDS	SPECIFICATIONS
<b>Wind Guard Package*</b> <i>*OPTIONAL. **Not available in all sizes, consult factory for unusual requirements.</i>	ANSI/DASMA 108	IBC 2015 Exposure B Building Category II
<b>Installed U-Factor</b> <i>U-Factor is tested per ANSI-DASMA 105. Installed U-Factor and calculated U-Value are NOT equivalent.</i>	ANSI/DASMA 105	0.14 BTU/HR-FT <sup>2</sup> -°F
<b>R-Value</b>	ASTM C236	R18
AIR INFILTRATION	STANDARDS	COMPLIANCE
<b>15 mph</b>	ANSI/DASMA 105 ASTM E283	0.05 cfm/ft <sup>2</sup>
<b>25 mph</b>	ANSI/DASMA 105 ASTM E283	0.13 cfm/ft <sup>2</sup>

TRACKS, LOCK & WEATHERSTRIP		
TRACK	STANDARDS	SPECIFICATIONS
<b>2 Inch Track</b>	ASTM A653 CS-B G40	Bracket/Angle Mount
<b>3 Inch Track</b>	ASTM A653 CS-B G40	Angle Mount
LOCK	TYPE	SPECIFICATIONS
<b>Slide Lock</b>	Interior Mounted	
<b>Keyed Lock</b>	Optional	
<b>Mini Warehouse</b>	Optional	
WEATHERSTRIP	MOUNTING	LOCATION
<b>U-Shape Astragal</b>	Aluminum Retainer	Bottom Of Door

OPERATION	
OPERATOR	TYPE
<b>Pull Rope</b>	Standard Equipment
<b>Chain Hoist or Electric Operators</b>	Optional

DOOR OPTIONS	
FINISH OPTIONS	
<b>Standard Colors</b>	White, Almond, Sandtone, Tera-Bronze, Green, Coffee, Black, Gray, Light Oak, And Dark Oak
<b>ColorSelect</b>	Select Custom Color
<b>Powder Coat</b>	Select Custom Color
ADD-ONS	
• Thermal Glazing	• Bottom Sensing Edge
• High Cycle Springs	• Flexible PVC Dual Flap Header Seal
• Jamb Weatherstrip	• Full Vision Aluminum Sections (White Standard With Optional Anodized, Powder Coat, Or ColorSelect Custom Colors)
• Electric Operators	
• Chain Hoist	

*As manufactured by Midland Garage Door Mfg. Co. Related structure work, opening preparation, field painting, electrical work falls to the responsibility of other trades. Garage doors should be installed in compliance with Midland Garage Door Mfg.Co. instructions by authorized Midland Garage Door installation professionals.*