

# MODEL 3" THERMOGUARD™

ARCHITECTURAL SPECIFICATIONS



## 3-INCH THERMOGUARD HIGHLIGHTS

**DOOR TYPE:** POLYURETHANE INSULATED    **PANEL THICKNESS:** 3.0 INCH    **R-VALUE:** R26    **INSTALLED U-FACTOR:** 0.11 BTU/HR-FT<sup>2</sup>-°F

### SECTION INFORMATION

STEEL	STANDARDS	SPECIFICATIONS
Thickness	ASTM A653	27 Ga.
Embossing		Pebble Texture
Hot Dipped Galvanized Coating	ASTM A924	
THERMAL BREAKS	TYPE	LOCATION
Top/Bottom Extrusions	PVC	Top/Bottom Of Sections
Alcryn	Thermoplastic Elastomer	Bottom Of Sections
End Stile Seals <i>(Commercial Only)</i>	Polypropylene	Face Side End Of Stiles
STILES	MATERIAL	SPECIFICATIONS
End Stiles	HDG Steel	16 Ga. 13 Ga.
Center Stiles	HDG Steel	20 Ga.
FINISH	TYPE	SPECIFICATIONS
Prime Coat	Urethane Primer	0.2 mil
Top Coat	Baked On Polyester	0.8 mil
Optional Coatings	Powder Coat/ColorSelect	

### HARDWARE & COUNTERBALANCE

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

### TRACKS, LOCK & WEATHERSTRIP

TRACK	STANDARDS	SPECIFICATIONS
2 Inch Track	ASTM A1008/A1010	Angle Mount
3 Inch Track	ASTM A1008/A1010	Angle Mount
LOCK	TYPE	SPECIFICATIONS
Slide Lock	Interior Mounted	
Keyed Lock	Optional	
WEATHERSTRIP	MOUNTING	LOCATION
U-Shape Astragal	Aluminum Retainer	Bottom Of Door

### PERFORMANCE DATA

FEATURE	STANDARDS	SPECIFICATIONS
Wind Guard Package* <small>*OPTIONAL "Not available in all sizes, consult factory for unusual requirements."</small>	ANSI/DASMA 108	IBC 2015 Exposure B Building Category II
Installed U-Factor	ANSI/DASMA 105	0.11 BTU/HR-FT <sup>2</sup> -°F
R-Value	ASTM C236	R26
AIR INFILTRATION	STANDARDS	COMPLIANCE
15 mph	ANSI/DASMA 105 ASTM E283	0.06 cf <sub>m</sub> /ft <sup>2</sup>
25 mph	ANSI/DASMA 105 ASTM E283	0.13 cf <sub>m</sub> /ft <sup>2</sup>

### DOOR OPTIONS

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	

### OPERATION

OPERATOR	TYPE
Pull Rope	Standard Equipment
Chain Hoist or Electric Operators	Optional

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.