

3-INCH THERMOGUARD™

COMMERCIAL 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-FT²-°F
 U-Factor is tested per ANSI-DASMA 105. Installed U-Factor and calculated U-Value are NOT equivalent

SECTION INFORMATION

| STEEL | STANDARDS | SPECIFICATIONS |
|---|-------------------------|--|
| Thickness | ASTM A653 | Interior: 27 Ga. 20 GA available for both Exterior: 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 (Commercial Only) | 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 |

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 A653 CS-B G40 | Angle Mount |
| 3 Inch Track | ASTM A653 CS-B G40 | 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 *OPTIONAL *Not available in all sizes, consult factory for unusual requirements. | ANSI/DASMA 108 | IBC 2015 Exposure B Building Category II |
| Installed U-Factor U-Factor is tested per ANSI-DASMA 105. Installed U-Factor and calculated U-Value are NOT equivalent. | ANSI/DASMA 105 | 0.11 BTU/HR-FT ² -°F |
| R-Value | ASTM C236 | R26 |
| AIR INFILTRATION | STANDARDS | COMPLIANCE |
| 15 mph | ANSI/DASMA 105 ASTM E283 | 0.06 cfm/ft ² |
| 25 mph | ANSI/DASMA 105 ASTM E283 | 0.13 cfm/ft ² |

DOOR OPTIONS

| FINISH OPTIONS | |
|------------------------|--|
| Standard Colors | White, Almond, Sandtone, Tera-Bronze, Green, Coffee, Black, And Gray |
| ColorSelect | Select Custom Color |
| Powder Coat | 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 | |

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.