

# Product Data Sheet

## Speed-Master® 2600 L

Large Format High-Performance Door with Flexible Curtain Panels

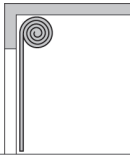


### Features



Pictured: The Speed-Master® 2600 L available in grey.

- Smart Start™ NXT, NEMA 4X programmable control box, with SmartControl™ M2M remote capability.
- Speed: Up to 36"/sec. open, 30"/sec. close.
- Patented, sectional design, able to self-realign displaced panels into guide tracks.
- LED Lite-Advance™ visual cycle indicating.
- In-line Light Curtain for non-contact protection of personnel and equipment.
- Emergency operation via chain hoist.
- Ultra tough, 2-ply reinforced puncture resistant Bulldog XT fabric panels.
- Available Clear PVC window panels.
- Panel Colors: Orange, Blue, Gray, Black.
- Panels joined with continuous, heavy-duty aluminum hinges, available with optional Windlocks for greater wind pressures.
- 5 & 2 year warranty protection plan. 5 yrs. motor/gearbox and panels. 2 yrs. other mech./elec.

Technical Data		Remark	
<b>Speed-Master® 2600 L</b> Flexible, high speed overhead rapid coiling door ideal for large openings.		<b>Specify High Performance Doors in Section 08 33 30.13 'Overhead Rapid Coiling Doors'</b> Find CSI format documents available at MasterSpec®, SpecLink, and Hormann.us®	
Application		Exterior or Interior	
Speed		Hood required for exterior mounted doors	
		Opening	Closing
		Up to 36"/sec.	Up to 30"/sec.
Control Box		Variable speed based on opening height	
		Smart Start™ NXT (11-5/8"W x 15-3/4"H x 8-1/2"D)	
Roll-up Technology		Standard, NEMA 4X rated	
		Hollow-core steel roll tube with precision-welded axles	
 Overhead Coiling	Door Construction	Standard	
	Size Range	Clear Passage Opening not to exceed 400 sqft.	
	Guide Track Profile	Min. 14'-0" up-to 24'-0" wide Min. 16'-0" up-to 24'-0" high	
	Roll Tube Diameter	9-3/4" x 7-1/8"	
	Solid Panel(s) Height	6-1/2"	
	Vision Panel(s) Height	35-1/4"H, 1/8"Thk	
Required Headroom	38"H, 1/8"Thk		
Overhead Coiling	Required Headroom	30-1/2" min.	
Drive Mechanism		Direct-drive operator with chain lift mechanism	
Counterbalance System		Not Required	
Braking		Control box activated 24V DC brake	
Cycleability / Maintenance		High Cycleability Inspect at 6 mo. intervals	
Safety Features		Consult factory for details	
		Built-in light grid, chain hoist open/close	
Resistance to Wind Load		Standard	
		Consult factory for details.	
Fire Resistance Rating		Windlocks recommended for heavy pressure apps.	
		Non-rated, Non-conforming exit	
Warranty		Per 2012 IBC Section 1008	
		5 & 2 years. Motor/gearbox and Panels (5), all other mech./elec. (2)	
<b>Materials and Finishes</b>			
Guide Tracks & Covers		Zinc, Class G90 (0.9 oz. per SF)	
Door Header Assembly, Roll Tube		Zinc, Class G90	
Weather Seals		Twin vinyl brush, jambs and lintel	
Panel Hinges		--	
		30-ga. Clear Anodized Extruded Aluminum Profiles	
Solid Door Panels: (Standard)	90 Oz. "Bulldog XT" Fabric, Aluminum Panel Connectors	Abrasion resistant, 2-ply polyseter reinforced "Bulldog XT" PVC sheet, 2.8mm Thick, 90 oz./yd²	
		Color Availability: Blue, Orange, Gray, Black	

# Product Data Sheet (Continued)

## Speed-Master® 2600 L

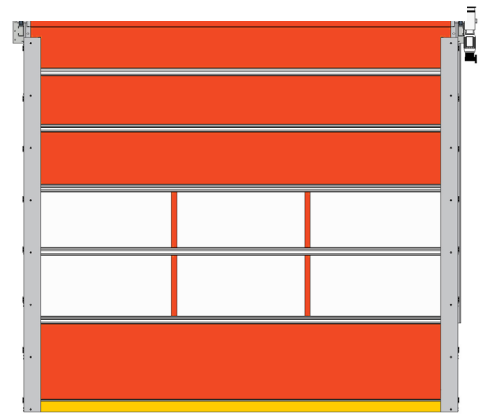
Large Format High-Performance Door with Flexible Curtain Panels



Materials and Finishes (Continued)			Remark
Vision Door Panels: (Standard)	Full-Width Continuous	Abrasion resistant, transparent PVC sheet, 2.8mm Thick, 45 oz./yd <sup>2</sup>	Color Availability: Clear
Ventilation Door Panel: (Optional)	Full-Width Continuous Removable Screen Panel	Vinyl coated 1000 density polyester core yarn in warp and fill. 0.6 mm Thick, 10.4 oz./yd <sup>2</sup>	Ventilation panel frame, extruded anod. aluminum Fabric Openness 46.9%
Electric Door Operator		Cast aluminum	--
Control Panel		Stainless steel, or baked-on polyester powder coat painted. Color RAL 7035 Light Gray	--
Hood and Motor Cover		16-ga. Hot-dipped galvanized steel	Zinc, Class G90 (0.9 oz. per SF)
Energy Analysis			
Visible Transmittance (Tvis)		0.83%	Per calc ANSI/NFRC 200-2014 (Clear Vision Panels)
Solar Heat Gain Coefficient (SHGC)		0.81%	Per calc ANSI/NFRC 200-2014 (Clear Vision Panels)
Thermal Resistance (R-value)		R 1.73	Per test EN 717-1, DASMA TDS-163 (Without Visions)
Heat Transfer Coefficient (U-value)		U 0.73	Per test EN 12667: 199997-11, DASMA TDS-105
Acoustic Insulation		STC 24, R <sub>w</sub> 21 dB	Per test EN 717-2, ASTM E90 (Without Visions)
LEED Credit		Mrc2, Mrc4, EQc5	USGBC® LEED v4
Electrical			
Electric Door Operator (Motor)		2.0 HP GfA Elektromaten F18	NEMA Type 3 / IP54
Operating Voltage (Motor)		3 PH, 132v or 230v	From Control Box to Motor
Control Box		5 KW variable frequency drive rated for operating voltage	NEMA Type 4X / IP66, UL/CUL Listed
Standard Power Requirement (to Control Box)		460vAC - 600vAC, 3 PH, 60 Hz	--
Full Load Amps		12.0 A	Operator
Disconnect		Fuse: 20 Amp, Class K	Supplied by Others

The Speed-Master® high speed, high cycle line of doors are widely installed in market applications ranging from automotive retail, food & beverage production & distribution, transit & airports, parking and general industry. The standard 8'-0" high light curtain is built into the guide tracks and provides a wall of protection for personnel and equipment at the doorway, as compared to other doors that use photocells. The heavy duty 12-gauge hot-dip galvanized steel guide tracks open for ease in re-setting the door when required.

Our Smart Start™ NXT Control Panel is designed NEMA 4X compliant. Updates include simplified wiring configuration, more powerful processing with fewer circuitry components as compared to HFCB control boxes. Plug-n-Play wiring improves accuracy and timeliness of installation on site.



Speed-Master® High speed flexible doors provide excellent reliability and fast opening speeds.

Find us in **MasterSpec**®  
a product of The American Institute of Architects

Our products are specified in **SpecLink**  
www.bsdspeclink.com

AIA Continuing Education Provider

**BOMA** International

**DASMA** Member

**IDA** International Door Association

**USGBC** MEMBER

Hörmann Flexon, LLC | Starpointe Business Park | 117 Starpointe Boulevard | Burgettstown, PA 15021-9506  
1-800-365-3667 | 724-385-9150 | Fax: 724-385-9151 | www.hormann.us | Email: info2@hormann.us