Overview

MultiPoint Lock Tornado is an integrated door, frame, and three-point lock solution specifically designed to meet FEMA 320/361 Guidelines and ICC 500 standards for protection in tornadoes. The patented system secures the door at three locations - the top, bottom, and center latch points - and has been tested to withstand the most powerful EF5 tornadoes, providing protection from winds up to 250 mph and 15 lb. projectile impacts up to 100 mph.

Features and benefits

- Six available functions supporting a wide range of applications
  - Passage, exit, storeroom, classroom, classroom security, and office/inner entry functions
  - VandIgard® available for additional protection from forced entry
- Compatible with all Schlage Mortise lock key systems
  - Standard, FSIC and SFIC key systems available
  - Patented key systems, including Everest 29™ with patented keyway through 2029
- Compatible with all Schlage L Series Mortise trims and finishes
  - 31 lever designs allow complete suiting with Schlage L Mortise and LT Tubular locks along with Von Duprin exit devices.
  - Sectional (rose) or escutcheon trim
  - 13 different finishes
- Seamless operation
  - FEMA/ICC compliant when door is shut - no secondary operation required
  - Handle rotation retracts all three latches; closing door re-engages all latches
- Simple installation
  - Vertical rods pre-assembled and factory installed in door
  - Mortise lock can be installed/removed with door installed
- Multiple door configurations available
  (for use with Steelcraft Paladin door and frame systems only)
  - 2' 6” x 6’ 8” minimum to 4’ 0” x 8’ 0” maximum single door (inswinging or outswinging)
  - 5’ 0” x 6’ 8” minimum to 8’ 0” x 8’ 0” maximum pair doors (inswinging or outswinging)
- Certifications
  - UL approved to FEMA 361 and FEMA 320 guidelines and ICC 500 test standards for inswinging and outswinging single and pair of doors
  - UL10C 3 hour fire rating available

Note: This datasheet is for MultiPoint Lock Tornado only. For information on MultiPoint Lock Tornado Storm Shutter, Hurricane, or High Security solutions, visit www.allegion.com/us.
Ordering guidelines
The MultiPoint Lock Tornado solution requires separate orders for the lock, door (includes the vertical rods), frame and miscellaneous hardware.

MultiPoint Lock
Order from Schlage using the Schlage order form as follows:

<table>
<thead>
<tr>
<th>Function</th>
<th>Trim</th>
<th>Finish</th>
<th>Handing</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>LM9350P</td>
<td>03A</td>
<td>626</td>
<td>RHR</td>
<td>XLxx-xxx</td>
</tr>
</tbody>
</table>

Lock specifications
- **Function**
  - LM9310 (passage), LM9325 (exit), LM/LMV9370 (office/entry), LM/LMV9371 (classroom), LM/LMV9380 (storeroom)
- **Trim**
  - All L Series levers, knobs, roses, and escutcheons available
- **Finish**
  - All L Series finishes available
- **Handing**
  - LH, LHR, RH, RHR (Note: must specify handing on order)
- **Options**
  - All L Series options available except electrified

* Include cylinder suffix when ordering function. Less cylinder not available on storeroom function. LMV refers to Vandigard® free-wheeling outside trim option.
** Not all lever/knobs available in all finishes; consult price book or customer care.

MultiPoint Tornado Door
Order from Steelcraft using the Steelcraft door ordering form as follows (includes vertical rods):

<table>
<thead>
<tr>
<th>Door type</th>
<th>Width</th>
<th>Height</th>
<th>Hand</th>
<th>Lock prep</th>
<th>Closer prep</th>
<th>Labels</th>
<th>Hinge prep</th>
<th>Inactive leaf</th>
<th>Floor clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>PW</td>
<td>8'</td>
<td>8'</td>
<td>RHR</td>
<td>LM9350</td>
<td>Standard</td>
<td>UL 3</td>
<td>5&quot;</td>
<td>None</td>
<td>¼&quot;, ⅜&quot;, ½&quot;, ⅝&quot;, ⅞&quot;, 1&quot;</td>
</tr>
</tbody>
</table>

Door specifications
- **Door type** PW Series (Paladin)
- **Width** 2' 6" - 8' 0"
- **Height** 6' 8" - 8' 0"
- **Handing** LH, LHR, RH, RHR
- **Lock prep** LM/LMV function, rose or escutcheon trim
- **Closer prep** Standard
- **Labels** Optional (UL 20 minute, 45 minute, 1 hour, 90 minute, 3 hour)
- **Hinge prep** 4 1⁄2", 4 ½" high frequency top hinge, 5", 5" high frequency top hinge, continuous (full mortise only)
- **Inactive leaf** Optional (inactive with or without Z astragal, wide inactive)
- **Floor clearance** ⅛", ⅜", ⅝", ⅞", 1"

* All other door parameters pre-defined as part of MultiPoint Tornado solution, no value required.
** Set floor clearance for ⅛" - ⅜" separation between top of strike and bottom of door.

MultiPoint Tornado Frame
Order from Steelcraft using the Steelcraft frame ordering form as follows:

<table>
<thead>
<tr>
<th>Frame series</th>
<th>Jamb depth</th>
<th>Width</th>
<th>Height</th>
<th>Hand</th>
<th>Strike prep</th>
<th>Closer prep</th>
<th>Labels</th>
<th>Hinge prep</th>
<th>Anchors</th>
<th>Head</th>
</tr>
</thead>
<tbody>
<tr>
<td>FP</td>
<td>5 ⅝&quot;</td>
<td>8'</td>
<td>8'</td>
<td>LHA</td>
<td>LM9350, ASA</td>
<td>Regular</td>
<td>UL 3</td>
<td>5&quot;</td>
<td>EMA</td>
<td>4&quot;</td>
</tr>
</tbody>
</table>

Frame specifications
- **Frame series** FP for Tornado applications
- **Jamb depth** 5 ⅝" - 10 ⅝"
- **Width** 2' 6" - 8' 0"
- **Height** 6' 8" - 8' 0"
- **Handing** LH, RH for single door; specify active leaf for pairs (LHA, RHA)
- **Strike prep** LM/LMV function head and sill, ASA strike prep
- **Closer prep** Standard (specify regular or parallel arm)
- **Labels** Optional (UL 20 minute, 45 minute, 1 hour, 90 minute, 3 hour)
- **Hinge prep** 4 ½", 4 ½" high frequency top hinge, 5", 5" high frequency top hinge, continuous (full mortise only)
- **Anchors** Wire, EMA, welded EMA
- **Heads** Optional (4", for new masonry wall construction only)

* All other frame parameters pre-defined as part of MultiPoint Tornado solution, no value required.

Hinges, closers and surface bolts
Hinges must be heavyweight 4 ½", 5" or continuous (Ives recommended). For inactive leaves, Ives SB360 surface bolts required.