KONE Fold is a highly efficient folding door solution suitable for all external applications. As well as offering smooth, quiet operation, it also helps protect the building from dirt, dust, and noise. Its fast operation and durable weatherproof design also help reduce heating or cooling losses.

Eco-efficient and durable
KONE Fold is ideal for optimizing goods flow in commercial environments such as logistics centers and industrial units. Our advanced motor technology is highly energy efficient, while the durable curtain provides effective protection against extreme weather conditions such as high winds and heavy rain.

Maximum safety
KONE Fold includes flexible curtain guides for maximum safety and minimum downtime. To prevent personal injury or damage to vehicles, in the event of impact the flexible guides deform without damage and can be easily reinserted.

Key benefits
- Durable solution for all external applications
- Effective protection against noise, dirt, dust, and heating or cooling losses
- Up to Class 4 wind resistance (EN 12424)
- Flexible curtain guides deform without damage in case of impact
- Soft PVC bottom edge ensures tight seal with floor for maximum insulation
- Self-supporting galvanized steel frame with polyester powder-coated finish
- EN 13241-1 compliant

<table>
<thead>
<tr>
<th>Standards compliance</th>
<th>Standard</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wind load</td>
<td>EN 12424</td>
<td>Class 4</td>
</tr>
<tr>
<td>Wind permeability</td>
<td>EN 12426</td>
<td>PND</td>
</tr>
<tr>
<td>Water permeability</td>
<td>EN 12425</td>
<td>PND</td>
</tr>
<tr>
<td>Thermal resistance</td>
<td>EN 12428</td>
<td>5.7</td>
</tr>
<tr>
<td>Mechanical resistance</td>
<td>EN 12604</td>
<td>Conformed</td>
</tr>
<tr>
<td>Safe openings</td>
<td>EN 12453</td>
<td>1 million</td>
</tr>
</tbody>
</table>
**Technical specifications**

<table>
<thead>
<tr>
<th>Application</th>
<th>External door</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. dimensions (H x W)</td>
<td>6000 x 6000 mm</td>
</tr>
<tr>
<td>Max. door area (H x W)</td>
<td>6700 x 6800 mm</td>
</tr>
<tr>
<td>Opening/closing speed</td>
<td>opening speed 1 m/s standard, 1.5 m/s optional (adjustable with frequency converter); closing speed 0.5 m/s</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-30 to +70 °C</td>
</tr>
</tbody>
</table>

**Body structure (frame)**

- Side frames and cover: galvanized, powder-coated, or stainless steel
- Top roll: galvanized, powder-coated, or stainless steel
- Top roll cover: galvanized, powder-coated, or stainless steel
- Motor cover: galvanized, powder-coated, or stainless steel

**Curtain**

- Material: 100% PVC-coated polyester
- Bottom profile: soft PVC bottom edge
- Colors: see Curtain color options on the right
- Tracking system: fold-up
- Thermal insulation: 5 watts/m²/°C
- Flammability: Class C and Class D (EN 13501-1)

- Motor: dual-speed 0.75-1.1 kW
- Control unit: independent from motor or integrated
- Power supply: 3-phase 240 V or 400 V with ground
- Protection class: IP55, optional IP65 protection available

**Opening and closing controls**

- Manual: push-button, pull-cord switch, 3-button control box
- Automatic: induction-loop detector, hand-held radio, radar, photocells

**Safety**

- Inline photocells: safety light curtain
- Safety photocells: 2 pairs, anti-lifting
- Flashing alarm light: included as standard
- Fall-down protection: safety straps

**Optional features**

- Interlock
- Adjustable opening height
- Semi-automatic mode
- Full manual mode
- Red traffic-light system
- Audible alarm
- Power-failure release: hand crank & counterweight
- Composite curtain tubes
- Stainless-steel control box
- ATEX compliance
- Double-skin curtain
- Company logo or images on curtain

**Curtain color options (RAL)**

- 9016
- 5015
- 1003
- 3002
- 6026
- 7038
- 1015
- 9005

**Visibility options**

- 384x739