<table>
<thead>
<tr>
<th>Classification</th>
<th>Max Width</th>
<th>Max Height</th>
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<tbody>
<tr>
<td>D_{600} A</td>
<td>UNLIMITED</td>
<td>10.5 metres</td>
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SmokeStop™ D600A

A smoke curtain is a device that controls the movement of smoke during a fire by directing the smoke towards mechanical or natural ventilation points. Traditionally smoke curtains have been used as an integral part of a naturally ventilated building however smoke curtains are proving to be a cost effective solution in conjunction with mechanical ventilation.

The SmokeStop™ Active Smoke Barrier is an automatic smoke curtain which comprises of technologically advanced fire-resistant fabric roller barriers encased in a compact steel housing.

**Barrier Construction**
Each roller is up to 5m wide with multiple roller construction up to unlimited widths. Maximum size single roller construction is 6 metres wide x 8 metres high.

**Material Finish**
Metalwork is zinc coated mild steel. This can be painted on site or powdercoated to DULUX or RAL colours.

**Operation**
A 24v electromagnetic brake holds the fire curtain open. Closing is by gravity at a controlled speed of 0.06 - 0.15m/s. Opening is driven by one or more 24vDC tubular motors mounted within the barrel.

**Test / Reset**
Test is performed by a simple key switch operator. The system is reset manually by pressing the reset button on the control panel. Automatic reset is available.

**Benefits**
- Small lightweight headboxing Allows for uninterrupted ceiling heights. No drop down bulkheads or fixed glass smoke baffles
- Creates open spaces and increases yield of workable/chargeable floor space
- Is true Fail-Safe by gravity which means it will work when required
- Ease of service and maintenance

**Fabric**
The curtain material is a fibreglass fabric with a micronized aluminium filled fire retardant polyurethane and weighs approximately 465g/m² in its finished form.

**Bottom Bar**
Standard bottom bar is Jumbo which is a triangular shaped bar 40mm wide. Also available is the ‘T’ bar and operable ceiling interface systems (SLAT) in 150mm and 75mm profiles

**Fire Performance**
More than 2 hours at 600°C.

**Smoke Performance**
Leakage tested to EN12101-1 Annex C

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<tr>
<td>Single roller fabric</td>
<td>0.5m³/m²/hr</td>
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<tr>
<td>400mm overlap positive pressure</td>
<td>0.5m³/m²/hr</td>
</tr>
<tr>
<td>400mm overlap negative pressure</td>
<td>17.06m³/m²/hr</td>
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**Side Guides and Edge Gaps**
Side guides are only required if the designer requires a 0mm edge gap at the sides. Standard side edge gap for SmokeStop™ D600A is 20mm and the headbox edge gap is 0mm.