

# Level Thresholds Checklist

A checklist to comply with the requirements of building regulations and LABC Warranty's Technical Manual

<p><b>External Landing &amp; drainage</b></p> <p>Ensure landing is large and level enough for wheelchair access whilst avoiding standing water and limiting surface water</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Fall ratio of 1:40 to 1:60 for landing</li> <li><input type="checkbox"/> Ensure water falls in single direction</li> <li><input type="checkbox"/> No cross falls</li> <li><input type="checkbox"/> Drainage channel between landing &amp; threshold</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Channel discharge to drains or field drain</li> <li><input type="checkbox"/> Drainage channel at ramp junction in extreme conditions</li> <li><input type="checkbox"/> Is additional field drainage required?</li> <li><input type="checkbox"/> Ensure channel is no wider than 18mm</li> </ul>
<p><b>Threshold sill &amp; its intersection</b></p> <p>Allow access for wheelchair users and ambulant people whilst minimising risk of surface water</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Drainage channel has level surface with sill</li> <li><input type="checkbox"/> For wind driven rain landing up to 10mm below sill</li> <li><input type="checkbox"/> Edges higher than 5mm to be rounded or chamfered</li> <li><input type="checkbox"/> Max slope of 15°, min of 7°</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Maximum height of threshold leading edge is 15mm</li> <li><input type="checkbox"/> For timber sills create drained &amp; ventilated void</li> <li><input type="checkbox"/> Perimeter insulation to reduce thermal bridge</li> <li><input type="checkbox"/> Entrance space min size 800mm, max 900mm</li> </ul>
<p><b>Intersection between threshold &amp; internal door</b></p> <p>Ensure easy transfer for wheelchair users and ambulance people and allow occupants to choose flooring options</p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Threshold is level with internal floor</li> <li><input type="checkbox"/> Drop &lt;15mm no internal transition needed</li> <li><input type="checkbox"/> NB drop &lt;10mm for soft pile carpets</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Drop &gt;15mm graded transition of 15° or less</li> <li><input type="checkbox"/> Ensure above has slip resistant surface</li> <li><input type="checkbox"/> Sufficient space in lobby area for wheelchair use</li> </ul>