

General	Clearances	Guidelines for walls
<p>NOVAhush 100% polyester insulation is safe and user friendly. However to guard against hazards it is recommended that protective dusk masks, safety glasses, knee pads and suitable clothing are worn. For further safety information refer to NZS 4246 appendix B and the HSE Act.</p> <p>Tools required</p> <p>Safety approved step ladder or moveable platform for walls, kneeling board for ceilings, lamp or torch, wide blade snap knife, staple gun (for walls and ceilings with pitch above 16°) and an installing stick such as a broom handle.</p> <p>When installing NOVAhush, be sure to:</p> <ul style="list-style-type: none"> • Keep the product dry at all times. Do not use NOVAhush in situations where the product will come into contact with water or moisture. Allow a minimum gap of 25mm from any building surface that is damp or may become damp during the intended use of the building. • Avoid compression of the product, as it will adversely affect performance. Nominal thickness of the product should be maintained at all times. Butt joints firmly together to prevent loss of thermal performance; a supporting bridge (insulation offcuts) is recommended. • Use sufficient product so that a snug fit is achieved around the edges. The product is easily torn to required lengths. Cut to adjusted widths using shears or heavy duty scissors. 	<p>Clearances per NZS 4246¹</p> <ul style="list-style-type: none"> • Extractor fans (un-ducted/exposed) – 200mm • Metal flues – 50mm • Roofing material – 25mm • Roofing underlay – 25mm • Brick/concrete chimneys – 50mm • Recessed light fittings (downlights) <ul style="list-style-type: none"> • If the manufacturer’s specified clearances for downlights are known they shall be followed. • If they are not known then the following clearances shall be made: <ul style="list-style-type: none"> - Halogen lamps – 200mm - Incandescent lamps – 50mm • Where the type of lamp cannot be determined, a minimum clearance of 200mm shall be made between the downlight and insulation material. <p><small>1. NZS 4246: 2006 Amendment No. 1, correct as at September 2010</small></p>	<p>Hazards in walls</p> <p>When installing NOVAhush wall insulation ensure that there are no live electrical wires. As the wall insulation is staple fixed we recommend that the installer follow the Power Off Policy in NZS 4246.</p> <p>When working near electrical cables and equipment care should be taken to avoid damaging any electrical insulation. Wherever possible NOVAhush should be laid behind electrical wiring (or pipes). It is important that NOVAhush is not compressed. This can be achieved by cutting through part of the insulation and placing it around the wires (or pipes).</p> <p>Refer to a registered electrician or qualified electrical engineer and / or AS/NZ 3000 for further guidance.</p> <p>Installation in walls</p> <p>In addition to the above general information, be sure to:</p> <ul style="list-style-type: none"> • Fix the edge of NOVAhush to the top plate using four staples. Do not staple through the entire thickness of the product as it will cause undue compression and reduce thermal performance. • Drop, then tear the product to length 5mm greater than required to ensure a good friction fit. Staple to the nog. Repeat the process down the wall. • Restrict the maximum length of a single drop to 3 metres.
		<p>Guidelines for ceilings</p> <p>Hazards in ceilings</p> <p>The hazards in the ceiling area include but are not limited to: sharp objects such as nails, heat exhaustion, dust inhalation, fragile ceilings and other dangers such as chimneys, downlights, hidden wardrobes, ventilation and air conditioning systems. For further guidance refer to NZS 4246.</p> <p>Installation in ceilings</p> <p>A minimum clear space of 25mm shall be maintained between the insulation product and either the roof underlay or the roofing (if exposed) to prevent condensation at the point of contact. Support the product by battens, PVC tape, or similar, as required.</p>

