

# Handy Insulation Comparison Chart

Icynene.com



Desired Feature	Icynene® Foam	Fiberglass Batts	Wet-Sprayed Cellulose	Urethane Foam	Mineral wool (rock or slag)	Blown-in fiberglass
R - Value per 100mm (approx.)	2.5	2.5	2.75	4.0	2.7	2.2
Meets air barrier requirements without extra materials and work	✓			✓ *		
Easily insulates irregular or hard-to-reach spaces	✓		✓	✓		
No HFAs, HCFCs, or HFCs used	✓	✓	✓		✓	✓
Contains no formaldehyde	✓		✓	✓		
No harmful emissions after installation or drying	✓		✓			
Can be injected in closed wall cavities	✓			✓		✓
Not a source of food for mold	✓	✓		✓	✓	✓
Won't shrink over time	✓	✓	✓		✓	✓
Won't wick water	✓	✓		✓	✓	✓
Not damaged by water	✓			✓	✓	
Controls airborne sound transfer	✓	✓	✓	✓	✓	✓
No framing distortion	✓	✓	✓		✓	✓
No settling or sagging	✓			✓		
<b>Count</b>	<b>13</b>	<b>6</b>	<b>7</b>	<b>9</b>	<b>7</b>	<b>7</b>

\*Not all urethane foams meet air barrier requirements. Check with the manufacturer or your installer to be sure. The information in the chart above is subject to vary as any and all conditions change.