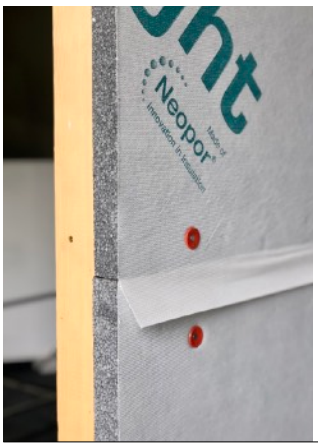

Why Choose Neopor® Continuous Insulation?

- ✅ Maintains the highest long-term R-value on the market (4.7 per inch); Neopor® "powers up" as temperatures drop (R 5 @75°F; R 5.2 @40°F; R 5.4 @75°F)**
- ✅ Vapor semi-permeable (allows airtight walls to dry), prevents moisture damage
- ✅ Air barrier
- ✅ Sustainable - zero harmful blowing agents or gases (uses graphite to increase R-value), reduces embodied carbon, polymeric flame retardant (PolyFR) supports sustainability goals
- ✅ Lightweight panels - uses up to 30% less materials to manufacture than other types
- ✅ Versatile - above and below grade, walls, roofs - ideal for all climates
- ✅ Excellent overall value and performance

Neopor® vs. EPS - XPS - Polyiso - Mineral Wool*




*reference links available at thermaltight.com

COMPARE	Neopor® Plus GPS	EPS	XPS	Polyiso	Mineral Wool
R-Value per nominal Inch**	R 5 - R 5.4 ⬆ as temps drop	R 3.6	R 5 ⇩ over time	R 6 ⇩ over time	R 4
Fire Resistant	✔	✔	✔	✔	Non-combustible
Vapor Permeable	3.5 perms Class III Semi-Permeable	3.5 perms Class III Semi-Permeable	1 perm Class II Vapor Retarder	X	30 perms Vapor-Open
Reduces Risk of Mold & Rot	✔	✔	X	X	✔
Air Barrier	✔	✔	✔	✔	X
Ease of Install	Lightweight	Lightweight	Lightweight	Lightweight	Heavy - requires special fasteners
Sustainability	Green Guard Certified No CFC's or HCFC's -no off gassing	No CFC's or HCFC - no off gassing	Harmful blowing agents during manufacture, high global warming potential	LEAST enviro- friendly manufacturing process	70% recycled content - made with natural stone wool
Versatility	Above & below grade, roofs	Above & below grade, roofs	Above & below grade, roofs	Above grade only, roofs	Above & below grade, roofs
Price	$$$	$$	$$$	$$$	$$$$
Summary	R-value increases as temperatures drop, zero "thermal drift", sustainable manufacturing process,"greenest" foam insulation, ideal for all climates	Inexpensive, versatile, zero "thermal drift", lowest R-value, less durable	Higher initial R-value, but loses R-value over time due to thermal drift, harmful blowing agents, least "green"	Handles high temps, ideal for commercial roofs, loses R-value over time, impermeable & can absorb moisture, not suited to all climates	Versatile, sustainable, naturally fire resistant, heavy to work with, fibers can irritate, not an air barrier, low R-value, most expensive

**Neopor R-value nominal inch (1-16")