

BARRIER / BARRIERXT UNDER CONCRETE INSULATION

BARRIER & BARRIERXT	NO RIGID BOARD	NO REFLECTIVE FOIL	NO TARPS
Extruded EPS	Extruded Polystyrene or EPS	Bubble / Foil / Bubble	Woven poly with reflective foil and bubble layers
4'x60' Seamless Rolls	4'x8' Sheets	4'x125' Rolls	6'x25' Rolls
Designed specifically for radiant heating applications	Good thermal properties when installed correctly	NA	NA
100 % Vapor / Water and Radon Retarder	None without addition of vapor barrier film	Vapor Barrier	Vapor Barrier
Fast Installation / Cost effective	Requires good surface preparation and high labor involvement	Cost Effective	Need many rolls for equivalent square footage
Patented Self Taping Seams	Many Seams / Need to provide seaming tape	Need to provide seaming tape	Need to provide seaming tape
3/8" Thick System R 4.0 / 1.7 3/4" Thick System R 5.7 / 3.4	EPS (R1.35/2.7) / XPS (R1.87/3.75)	Reflective Foil needs and airspace to work effectively and reflect heat. Foil corrodes with concrete contact	Reflective Foil needs and airspace to work effectively
Durable / Flexible no breakage	1" is fragile to underfoot traffic 2" is more durable but still prone to damage on uneven surfaces	Durable / Flexible no breakage	Durable / Flexible no breakage
NA	Potential broken boards and seams provide thermal bridge to cold	NA	Air can be trapped in between layers requiring slitting to release

Note: These are general comparisons and are not meant to reflect any one product's features or benefits when used as under concrete insulation. Actual results from use may vary between the insulation products. Barrier system R value is 3.625" concrete, Barrier, 1" sand, 3" gravel. R value means resistance to heat flow. The higher the value the greater the insulating power.

WITH THE BARRIER AND BARRIERXT -SPEND LESS TIME INSTALLING INSULATION...



BARRIER FEATURES / BENEFITS

- Durable / Flexible –Walkable unlike rigid insulation
- 100% Waterproof and Vapor-proof
- Extruded expanded polystyrene for real insulating value
- Fast / Easy Installation -4'x60' rolls for significant labor savings
- Seamless –Patented self taping edges reduces thermal bridging

