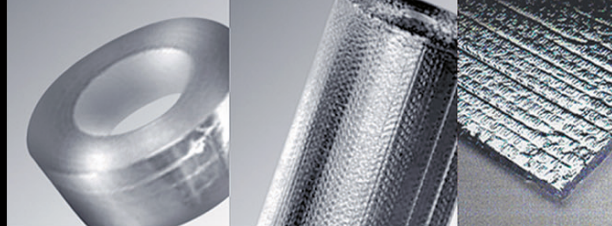


AYR-FOIL

HI-PERFORMANCE REFLECTIVE INSULATION

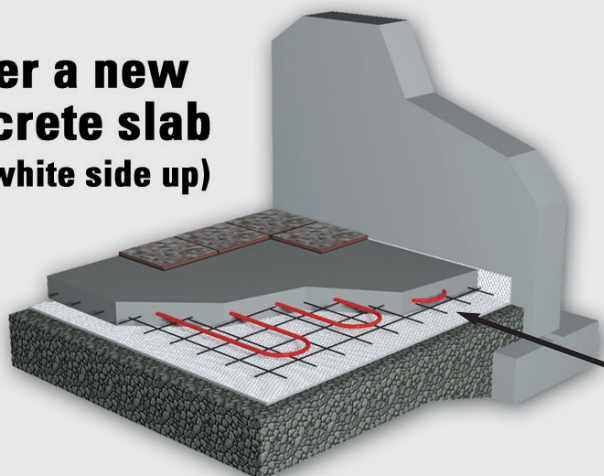


IT'S EASY: WITH RADIANT HEATING USE RADIANT INSULATION

Increased energy savings
REFLECTS THE HEAT

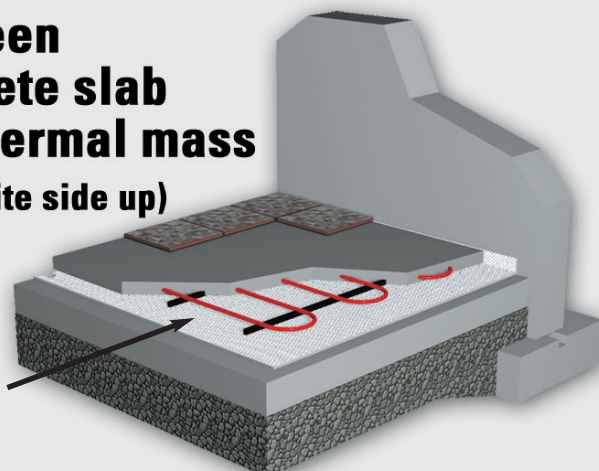


**Under a new
concrete slab**
A2V (white side up)



**Between
concrete slab
and thermal mass**
A2V (white side up)

AYR-FOIL
HI-PERFORMANCE REFLECTIVE INSULATION

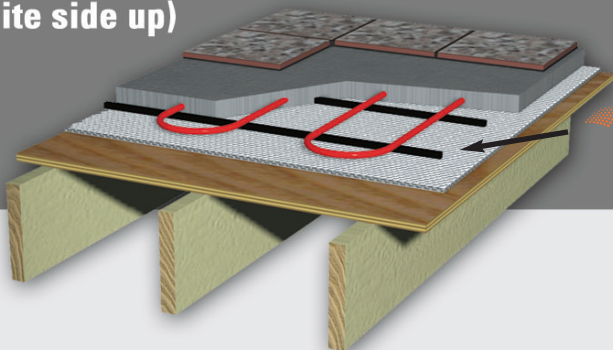


› A2V can reduce heat losses as much as 2" of rigid insulation
Ayr-Foil radiant floor insulation

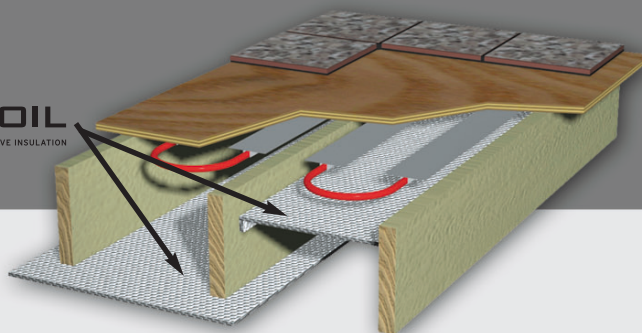
For any installation techniques you are using:

- | | | |
|--|--------------------------------|---------------------------|
| › Equivalent to up to 2" of rigid insulation | › Ultra resistant and flexible | › 100% vapour barrier |
| › Easy and fast to install | › Economical | › Lightweight and compact |

**Over wood floor and
under thermal mass**
A2V (white side up)



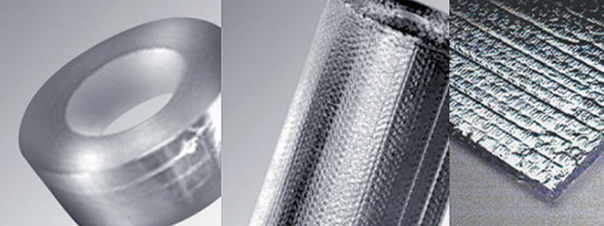
Under or between wood joist
A2V R 14.6**



* Tested with the thermography method which calculates the equivalent R value by measuring the heat loss through the slab. ** Tested with ASTM C 236, Guarded hot box method.

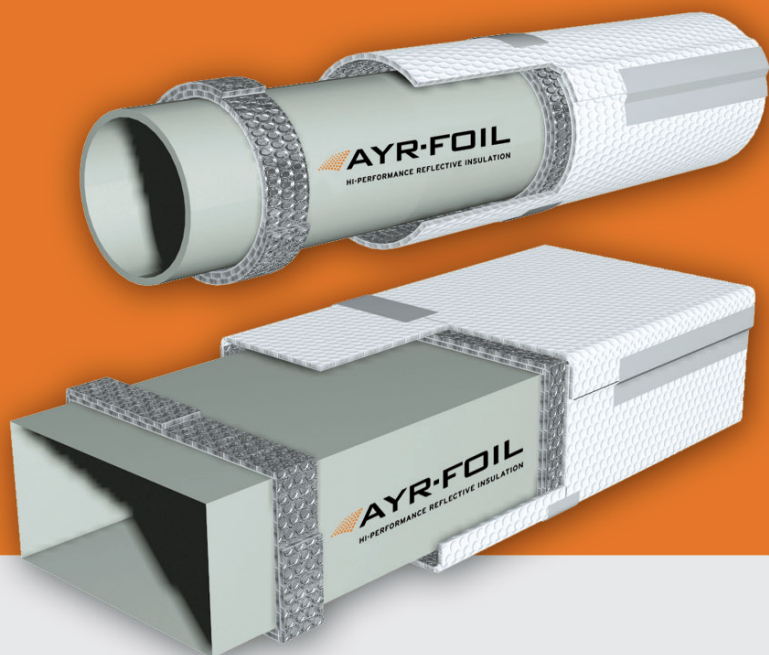
AYR-FOIL

HI-PERFORMANCE REFLECTIVE INSULATION



> RESIDENTIAL > COMMERCIAL > INDUSTRIAL

Increased energy savings
REFLECTS THE HEAT



A2A

- ▶ Equivalent to more than 1 1/2" of fiberglass
- ▶ Reduces condensation
- ▶ No harmful content
- ▶ Nice cleanable finish
- ▶ Energy savings
- ▶ R6 with spacer strips

TECHNICAL DATA

▶ THICKNESS	3/8in. (9mm)	▶ THERMAL RESISTANCE	ASTM C-236
▶ WEIGHT	1.35 oz/ft ² (382 gr/m ²)	(Duct Wrap)	ASTM C-1224
▶ ROLL SIZE	4' X 125' (1.21m X 38.1 m)	▶ EMISSIVITY	R4 to R6 depending on the installation
▶ FLAME SPREAD	500 ft ² (46.46m ²)	▶ REFLECTIVITY	0.03 - 0.04
▶ SMOKE DEVELOPMENT	Less than 25-ASTM E84	▶ WATER VAPOUR PERMEANCE	0.96-0.97
▶ CRUSHING RESISTANCE	Less than 50-ASTM E84	• before aging	CGSB-51.33-M89/ASTM E-96
▶ TENSILE STRENGTH	60.06 lbs/in ² 8647 lbs/ft ²	• after aging	< 0 ng/ Pa.s.m ²
▶ FLEXIBILITY	(414 kN/m ² 4.22 kg/cm ²)	▶ TEMPERATURE RANGE	< 1 ng/ Pa.s.m ²
	21.13 lbs.ft/in. (3.7 N/mm)	▶ LINEAR SHRINKAGE	-58°F to 180°F (-50°C to 82°C)
	CAN/CGSB-51.33-M89	▶ THERMAL CONDUCTIVITY (K)	None
	No cracking		0.293 (0.0416)
	CAN/CGSB-51.33-M89		at 75°F (24°C) mean



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