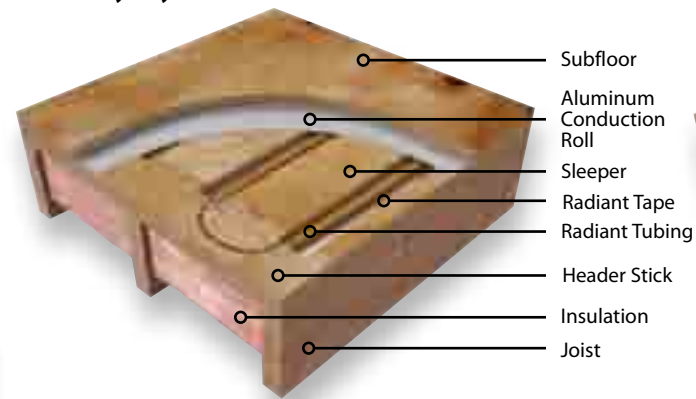




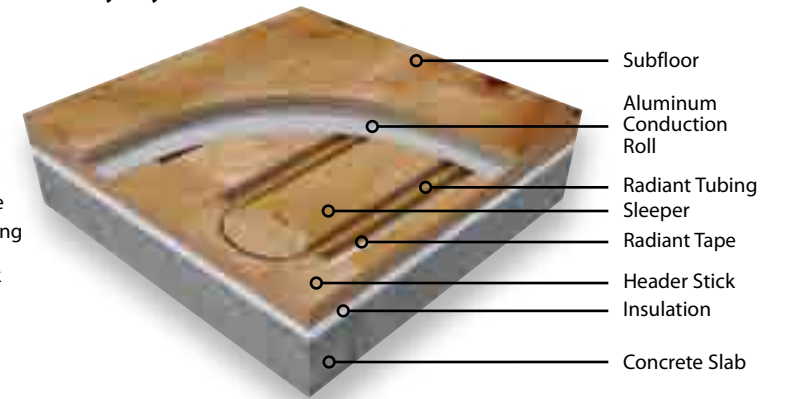
A Great Alternative to Thin Slabs!

- Light Weight
- Low Profile
- Easy to Install
- Conforms to Any Room
- Ideal for Remodel or New Construction
- Warms any cold floor:
 - Natural hardwood
 - Carpet
 - Ceramic tile
 - Laminates
 - Stone tile
 - Engineered flooring

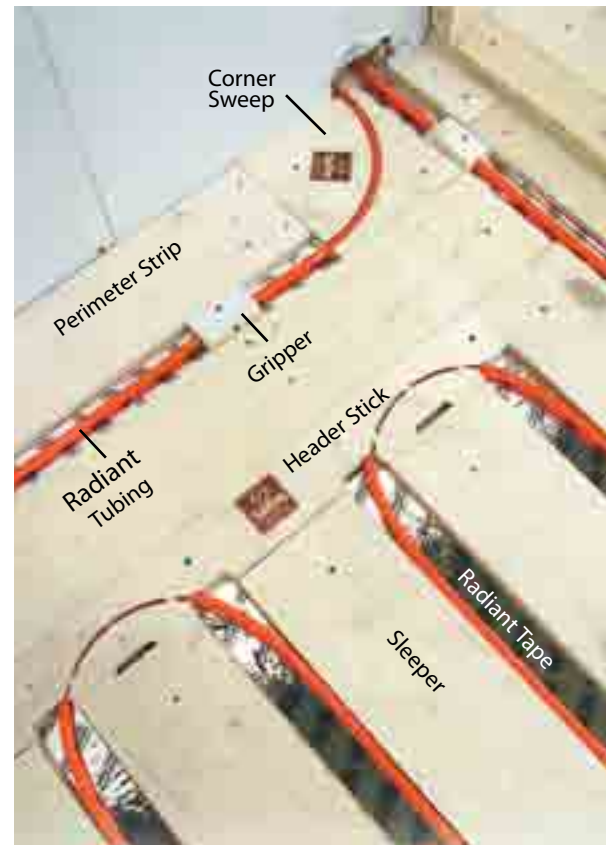
SubRay® system over framed floor.



SubRay® system over concrete slab.



Anatomy of the SubRay® Radiant System



Header Sticks hold radiant pipe at each end of the room on 8" centers.

Sleepers are 6" wide, installed 2" apart and support the finished floor.

Grippers are used to hold the radiant pipe where it enters or exits the floor.

Radiant Tape reflects radiant energy.

Aluminum Conduction Rolls evenly spread the heat.

Corner Sweeps help the tubing make 90° turns.

C-Covers protect radiant tubing from nails and support tile backer board.

Description	Quantity Per Pkg.	Model Number	Order Number	Total Weight (lbs.)
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15 mm SubRay Radiant System Components

862 Header Stick, 15 mm (3" x 42")	10	862S1542-10	81002024	20
862 Sleeper, 15 mm (6" x 60")	10	862S1560-10	81002033	50
862 Corner Sweep, 15 mm (8" x 8")	10	862CS15-10	81002012	11
862 Gripper, 15 mm	10	862G15-10	81002018	1
862 C-Cover, 15 mm (2" x 48")	10	862CC1548-10	81002007	25

18 mm SubRay Radiant System Components

862 Header Stick, 18 mm (3" x 42")	10	862S1842-10	81002027	25
862 Sleeper, 18 mm (6" x 60")	10	862S1860-10	81002036	60
862 Corner Sweep, 18 mm (8" x 8")	10	862CS18-10	81002015	12
862 Gripper, 18 mm	10	862G18-10	81002021	1
862 C-Cover, 18 mm (2" x 48")	10	862CC1848-10	81002009	30

SubRay Radiant System Components

2" Reflecting Tape	2	862RT2-2	81002031	4
Aluminum Conduction Roll	2	862AC1650-2	81002930	20



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Springfield, MO 65803
(417) 864-6108
(417) 864-8161 fax
(800) 276-2419 toll free
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Burlington, ON L7L 5H7
1-888-208-8927 toll free
905-332-4090 phone
905-332-7068 fax
www.wattscanada.ca



Watts Radiant is an ISO 9001-2008 approved facility.

WattsRadiant™
Floor Heating & Snow Melting

A Watts Water Technologies Company

WattsRadiant™
Floor Heating & Snow Melting

Renovation projects are full of unique obstacles. Trying to install a radiant floor shouldn't be one of them. SubRay offers a unique solution to an all too common problem of how to install radiant in an existing structure.

Even new construction projects offer their own distinctive problems, especially when dealing with open structural

designs. SubRay allows radiant heating to be installed above the floor, keeping beams and other architectural elements fully visible.

SubRay is the ideal low weight, low profile, 100% configurable solution for any radiant project. Whether designing new or renovating existing projects, SubRay is the solution!



Compared to thin slabs, SubRay is . . .

- **THIN** — 5/8" (15 mm) or 3/4" (18 mm) thick.
- **LIGHTWEIGHT** — Less than 2 lbs. per square foot.
- **FAST RESPONDING** — More responsive than gypsum-based concrete.
- **AN EASY INSTALLATION** — No need to wait weeks for the slab to cure. No scheduling problems with separate subcontractors.
- **MOISTURE-FREE** — No excessive moisture to manage.

Compared to other slab alternatives, SubRay is . . .

- **CLEAN** — No messy silicone required.
- **TWO SIZES** — 15 mm (5/8") for 3/8" RadiantPEX-AL, RadiantPEX+; 18 mm (3/4") for 1/2" RadiantPEX-AL, RadiantPEX+ or 3/8" Onix.
- **SILENT** — SubRay's unique "floating design" prevents noise due to pipe movement.
- **QUALITY** — Cabinet-grade, Group 1 Baltic Birch. Meets specs of all wood flooring manufacturers.
- **ECONOMICAL** — Uses standard tubing options.

SubRay works with Watts Radiant's Onix™, RadiantPEX+® and RadiantPEX-AL™ Tubing.

ONIX™

Flexible Radiant Tubing
with Oxygen Barrier



RadiantPEX+™
Cross-linked Polyethylene Tubing w/EVOH Barrier

RadiantPEX-AL™
Cross-Linked Polyethylene x Aluminum x Cross-Linked Polyethylene

