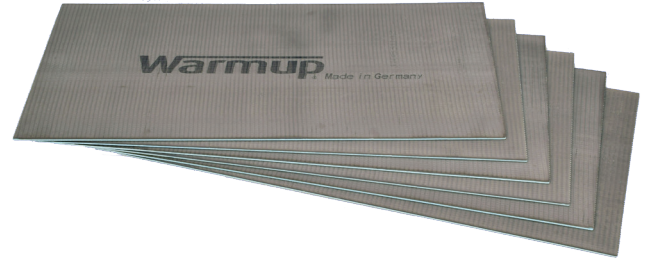


PRODUCT CODE

WIB-Length x Width - Thickness. Eg: WIB-4X2-1/4.

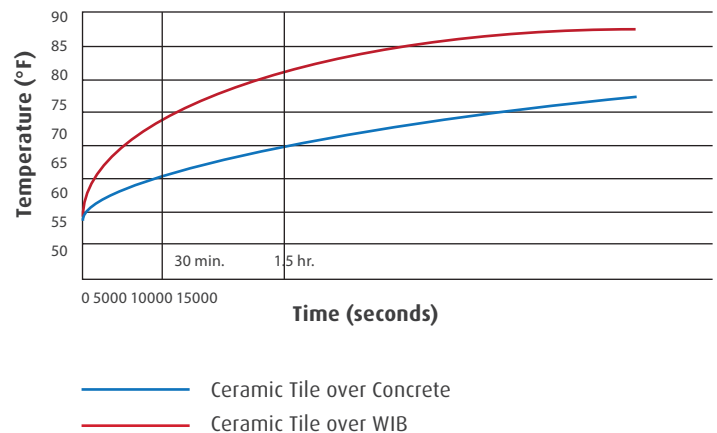


PRODUCT DESCRIPTION

- Warmup Insulation Boards (WIBs) are waterproof and insulated tile backer boards made of extruded polystyrene, faced on both sides with a fiberglass mesh embedded into a thin cement polymer mortar.
- These can be used as a tile backer board underlayment on your concrete slab or structural wood subfloor.
- They will withstand a load of 5,735lbs per square foot and are ideal for use with underfloor heating as they push the heat into the room, by not allowing heat to penetrate down into the concrete substrate below.
- They are ideal for use in bathrooms or wet rooms.
- Due to their inorganic and waterproof nature, they cannot cause mold issues and will protect your floors from water and mold damage.
- Warmup Insulation Boards are only 1/4" thick. This reduces the impact that adding in floor heating insulation boards will have on your floor levels.

ADVANTAGES

- WIBs will save you money when used in conjunction with our underfloor heating by acting as a very efficient thermal barrier.
- They reflect the heat upwards into the floor tile instead of allowing heat to warm up the concrete slab below.
- Heat up Times with Floor Insulation In testing, heat-up time was cut from over 2½ hours to just 25 minutes. This data applies to Warmup heating products only.
- Installing WIBs drastically improves floor heating efficiency, with a quick heating time, with a 78% faster heating time than over concrete slab alone. Heat up times over a 59F degree concrete slab were 78% faster than when applied directly over the subfloor. While a Warmup mat over WIBs reaches 80 degrees in 64 minutes, a traditional system took 5 full hours to reach 77F.
- This also means that the system ran a lot less, and proved to provide 71% savings in electrical usage.
- Depending on the cost of electricity and price of the insulation boards, pay-back time was estimated between 1.7 and 2.1 years.



Other information

- Store flat and keep dry with no exposure to elements. Keep away from solvents and direct UV exposure.
- Product can be disposed with attached construction material/waste. Product will not negatively impact environment.
- MasterFormat™ 2004 Sections
 - Section 09300: Tile
 - Section 15770: Electric Radiant Heating
 - Section 07210: Insulation

TECHNICAL DATA

Application

Dry Installation

Over a concrete subfloor:

- First, lay down a modified mortar with a notched trowel.
- Then boards, which have already been cut to size, will be installed at staggered joints.
- Using an alkali fiber mesh tape (1), tape together the boards at the seam and cover them again with a modified mortar.
- Install your heating system accordingly.

Over a wooden subfloor:

- First lay down a modified mortar using a notched trowel.
- Then lay your boards, which have been cut to size, at staggered joints.
- Using galvanized screws and tabless washers (2), have the washer cover the seam between two boards (making sure the middle of the washer is not in the middle of the seam) at one per foot and install the screw (3) through the boards into the subfloor, making sure the boards are flush with the ground.
- Then use an alkali fiberglass mesh tape (1) over the seams and use a modified mortar on top.
- Install your heating system accordingly.

Wet Installation

Over a concrete subfloor:

- First, lay down a modified mortar.
- Then boards, which have already been cut to size, will be installed at staggered joints.
- You must then use a polymer-based sealant (4) in the seams to keep the boards together.
- Once this has dried (about 20-30 minutes) you may then install your heating system accordingly.

Over a wooden subfloor:

- First, lay down a modified mortar using a notched trowel.
- Then lay your boards, which have been cut to size, at staggered joints.
- Using galvanized screws and tabless washers (2), have the washer cover the seam between two boards (making sure the middle of the washer is not in the middle of the seam) at one per foot and install the screw (3) through the boards into the subfloor, making the boards flush with the ground.
- Then apply a polymer-based adhesive in the seams (4).
- Let dry for 20-30 minutes and install your heating system accordingly.

PRODUCT SIZE LISTING

Code	Description
WIB-4X2-1/4	Insulation Boards - 6 boards per box. Total coverage 48 sqft. Board size: 2'x4'x1/4".
WIB-S5/8	5/8" screws for WIB Installation. Sold in box of 100 ct.
WIB-W1/4	Washers w/o tabs for 1/4" WIB Installation. Sold in box of 100 ct.
WIB-SEALANT	Sealant for WIB seams and screws/washers. Required in wet areas only. One tube covers 6 boards.

Over Plywood: Please select screws (**WIB-S5/8**) and washers (**WIB-W1/4**). Sold in boxes of 100. In bathrooms, use 1 sealant tube per 6 boards (**WIB-SEALANT**).

ACCESSORIES

Warmup has a complete line of accessories, specifically designed for use with WIBs, that ensure the performance of the insulation boards.



1- Fiber mesh tape

(NOT SOLD by Warmup)



2- Washers without tabs

Code/part number:
WIB-W1/4



3- Non rust screws

Code/part number:
WIB-S5/8



4- Joint Sealant

Code/part number:
WIB-SEALANT



The world's **best-selling** electric floor heating brand™

Insulation Boards

SPECIFICATION SHEET WSC-0725

WARRANTY & MAINTENANCE

When installed according to the installation manual the WIB require no maintenance.

TECHNICAL SUPPORT

Warmup is available 24/7/365 at (888) 927-6333.

For quotes, layouts and specific technical information, contact us at:

Warmup USA

52 Federal Rd #1F, Danbury, CT 06810

(888) 927-6333

us@warmup.com

Warmup CANADA

374 Wellington St W, Toronto, ON M5V 1E3

(905) 990-2075

ca@warmup.com

RELATED PRODUCTS

- NADWS - see WSC-0721
- NADWM - see WSC-0720

