



AmericanBiltrite
Flooring

RADIANT HEATED FLOOR RECOMMENDATIONS

Radiant heated floors

American Biltrite flooring products can be installed safely over radiant heating floor systems with our two-part reactive adhesives. Acrylic-based adhesives are not recommended since long-term exposure to heat could weaken the bond strength.

Radiant heated hydronic system

The hydronic system needs to be embedded 2" (4.5 cm) below the concrete slab surface and be kept operational throughout the installation and adhesive curing time. The system must be on and operational for a minimum of two weeks prior to the installation to dissipate moisture within or traveling through the concrete slab. 72 hours prior to the installation, lower the temperature to 18°C (65°F). 24 hours following the installation it is recommended to gradually increase the temperature in increments of 3°C (5°F) every 24 hours. This will assist in avoiding overheating. Temperature of the radiant floor shall never exceed 29°C (85°F).

Radiant heated wires with or without mats

Wires with or without mats must be covered by a self-leveler or approved thin set mortar. When the system is topical and the ambient air and relative humidity are at the approved settings, between 18°C (65°F) and 29°C (85°F) and between 40 and 60%, there is no issue on or off once the self-leveler or approved thin set mortar had the proper amount of curing time.

For all flooring products, the normal working temperature of the radiant floor shall never exceed 29°C (85°F). If for some reason the heating system is closed, restart slowly over a period of two to three days as initially done. Too abrupt heating of the floor could result in seams opening, curling, or peaking of tiles and bubbling under sheet products.

Initial maintenance should be performed after the flooring product has been adhered for at least 24 hours.

Please note that technical web site documents prevail.

