



AmericanBiltrite
Flooring

RADIANT FLOOR RECOMMENDATIONS

American Biltrite flooring products can be installed safely over radiant heating floor systems, as long as two-part curing adhesives are used. One-part adhesives are not recommended, since long-term exposure to heat will dry the adhesive and weaken the bond strength.

However VCT tiles will work well with a regular VCT adhesive, even though it is a one-part adhesive, because rubber-based adhesives do not dry completely.

UltraCeramic tiles will only work with AD-535 two-part epoxy adhesive.

American Biltrite's TecCare Floating Floor System can also be used on a radiant floor; because the product will expand with temperature increase, it is very important to leave at least 3 mm (1/8 inch) at the periphery of the room to permit product expansion without peaking.

At time of installation, the radiant floor must have been set at 21 °C (70 °F) and kept at this temperature for at least two days prior to starting to lay the floor down. This will permit the moisture, trapped in the concrete, to dissipate and prevent encapsulating it between the concrete and the flooring.

Initial maintenance should only be done after the Flooring product has been glued down for at least 3 full days (72 hours). In the case where AD-535 is used, maintenance can be undertaken 24 hours after the floor has been glued down.

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 is closed for a period of time, restart slowly over a period of two to three days as initially done. Too abrupt heating of the floor could result in seams opening up, curling or peaking of tiles and bubbling under sheet products.

Technical Department

Please note that technical web site documents prevail.

