

The right floor covering on top of underfloor heating

It's efficient, provides a comfortable room climate and increases the quality of living. Even the ancient Romans appreciated the benefits of underfloor heating. Do you also wish for cosy warmth underfoot? We can tell you exactly which floor covering is best suited for this purpose and what you need to consider when installing it.

1. Suitable floor coverings

Thanks to their excellent conductivity, tiles, natural stone and ceramic slabs are the first choice for installing on top of underfloor heating. These materials have a relatively low heat transfer resistance. This means that the floors are particularly well able to store and release heat directly and evenly to the surrounding area. Little or no energy is lost, which can significantly increase the effectiveness of the underfloor heating system.

2. Always use full-surface bonding

Also parquet and laminate can be laid on underfloor heating systems even though wood has a relatively high thermal resistance. However, this is not a task for do-it-yourselfers but only for experienced professionals. In all cases, the floor covering must be bonded over the entire surface area. Why? Because floating installation produces an air space between the floor covering and the screed. The heat radiated by the heating system first flows into this intermediate layer before it heats up the floor covering. As a result, it takes relatively long for the room to become warm and cosy.

For the same reasons, full-surface bonding is also recommended for carpeting. Please note: Only use low-emission flooring adhesives – no matter which type of covering. Flooring adhesives that have been certified with the EMICODE® seal guarantee the best possible health protection and a high degree of environmental compatibility.

Tip from the experts



We will gladly inform you:

GEV
RWI-Haus
Völklinger Str. 4
40219 Düsseldorf
GERMANY
Phone: +49 211/67931-20
Fax: +49 211/67931-33
www.emicode.com