

Thermal insulation against heat build-up in summer

People who live under the roof or in a poorly insulated house will have problems to stay cool and comfortable during the hot summer months. The sun penetrates the building envelope and heats up the rooms. Due to the high temperatures, walls and floor coverings also tend to emit higher amounts of pollutants. For this reason, it is advisable to use low-emission products in new buildings and when doing renovations.

Tip 1: Choose the right products – keep emission levels low

In flats or houses without good thermal insulation, hot days with high air temperatures have a noticeable effect on the inside of the building. Especially the temperature in attic flats can quickly exceed 30 degrees in summer. The heat also affects the air we breathe by releasing higher amounts of volatile organic compounds (VOCs) from the building materials installed. For this reason, only products with the lowest possible VOC emissions should be used in new buildings or when doing renovations.

Tip 2: Full-bond flooring installation to prevent damage

The hotter it is, the more waves and bumps will soft floor coverings like carpet develop. In order to avoid such damage, it is recommended to bond the flooring over the entire surface. Make sure to use flooring adhesives that are harmless to human health. Building and installation products with low VOC emissions can be identified by the EMICODE® label on the packaging. For more than 20 years now, the EMICODE® EC1 seal has been awarded to products that ensure healthy living.

Tip 3: Effective thermal insulation all year round

If you live in an attic flat but want to keep a cool head in summer, you need effective insulation with mineral wool or fiberboards. The added benefit is that these materials also provide thermal insulation in winter. Full-surface bonding of the floor covering and

Tip from the experts



installation of the necessary thermal insulation is best done by a professional craftsman. In addition, solar shading devices installed on the windows help to keep the heat outside. Don't forget proper ventilation of the room: at night and early in the morning.

We will gladly inform you:

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