

Drying Wooden Floors

Timber floorings come in a variety of types from tongue and groove floor boards nailed directly to a timber subfloor, to parquet blocks and wood laminate glued to concrete. The more moisture resistant a timber is, the greater potential for successful restoration.

Procedure

After the removal of excess moisture, a trained Remeed Solutions' technician will examine the extent of the damage, obtaining a baseline moisture target from an unaffected area of the flooring, and carefully mapping out the moisture profile using hammer probe electrodes on a calibrated instrument.

This procedure enables the technician to establish how deep the moisture has penetrated the timber. Using hammer probe electrodes on a calibrated instrument, along with the exact measurements of the floor size, the technician can monitor and regulate the rate of change and select the appropriate drying method.

Initially air movement alone can be used during the first stage of drying; this is followed by the deployment of dehumidifiers to decrease the moisture content of the air surrounding the timber, allowing moisture to evaporate, returning the timber to its pre-damage state.

Once the timber and its surrounding environment has been stabilised an assessment be made on the need for sanding and recoating.



Application

Although timber is tough, it is susceptible to water damage. High humidity as well as water can cause floor boards to buckle and in these situations it is important to quickly extract the moisture using appropriate air movement and dehumidifiers to reverse any seemingly permanent effects of water damage.

Like many porous materials, timber expands when moisture levels surrounding the pores of the timber change. This expansion is often seen as permanent and too often timber floors are unnecessarily replaced. However, in 90% of cases a controlled method of drying or the removal of excess moisture can return the timber to its pre-damage condition.

Remeed Solutions ensures all caution is taken providing a controlled drying environment to make certain the timber does not permanently distort causing any stress fractures or buckling.