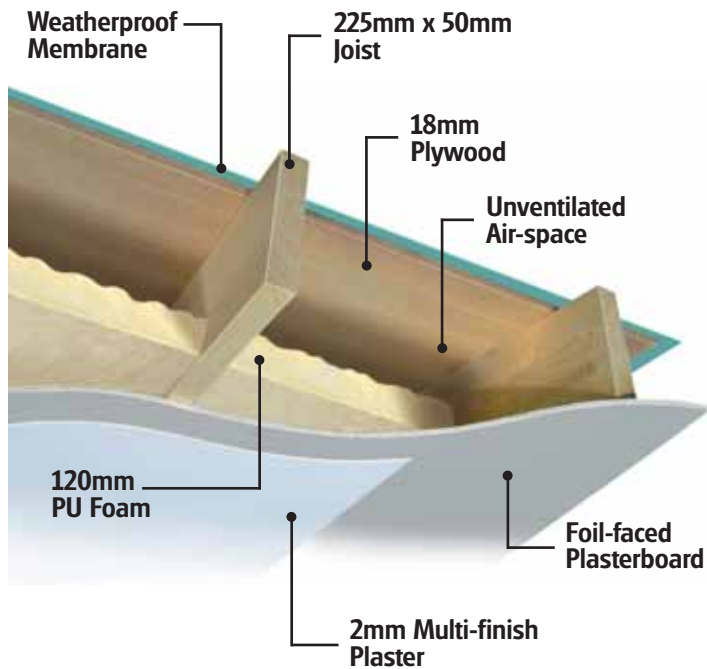


Existing flat roof



General

Specification: BBA Certificate 02/3964

Spray applied Renotherm polyurethane foam between joists, directly onto plasterboard

Average depth: 120mm 150mm

U Value: 0.19W/m²K 0.16W/m²K

Condensation Risk: Zero

Ventilation: Unventilated warm deck

Additional Insulation: Foil-faced plasterboard at ceiling level

Renotherm is applied directly to the plasterboard once the roof covering has been removed. A new deck incorporates a single ply membrane of low water vapour resistance. 3 Layer built up felt or asphalt is not recommended due to the risk of interstitial condensation.

U-value and Condensation Risk Analyses

