

Private house, Bramley, Surrey, 2017



This particular refurbishment project had a very limited height available for an underfloor heating system. No height was available for additional insulation.



The underfloor heating installation begins with the PowerPrimer adhesive applied to the existing substrate with a standard roller.



Once all panels are in position the pipe work is installed.



As with all of our systems the existing floor was carefully prepared and was made flat and level.



After approximately 10 minutes the 19mm IDEAL NEO panels are fixed down to the substrate.



The DimaMat is self-adhesive and is installed by removing the protective film and before it is rolled out over the heating panels.

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The thin screed supplied, MortaColl is mixed with water and reinforcing fibres.



Once well mixed, the viscous mixture is gradually poured out over the DimaMat.



The MortaColl can be evenly distributed using either a smooth or notched trowel.



The depth of screed is checked regularly to ensure the desired height is kept. MortaColl is not intended as a levelling compound and will only follow the level of the substrate beneath.



Once completed, the finished screed requires approximately 4 hours to cure before floor finishes can be installed. Expansion joints at thresholds should be observed.



Finally, the finished floor tiles can be installed using standard tile adhesive which conforms to BS EN 12004 Class C2/S1