

## RC-80/50-BN Compression Layer

**TYPE OF APPLICATION:** Concrete Topping Layer

**LOCATION:** Knodishall Suffolk UK

**DATE OF CONSTRUCTION:** March 2009

**ENGINEER:** None: Used NHBC approved BBA No 08/4528

**CONTRACTOR:** G Coulson Builders



Under floor heating ready for concrete topping

### Description of the project

G Coulson Builders specialise in the conversion, restoration and repair of existing older buildings. After the successful use of the 10kg RC-80/50-BN BBA solution for the casting of the ground supported slab in a building adjacent to the two dwellings being converted to holiday homes, the contractor chose to use the same Dramix steel fibre solution as an alternative to a traditional sand cement screed over a newly installed underfloor heating system. The 170 sqm of floor that required concreting comprised of a number of different rooms of varying shapes and dimensions which would have taken some time for a specialist screed applicator to complete. The use of a high flow concrete mix designed and supplied by Cemex enabled the contractor to place the concrete without any special equipment whilst achieving a flat finish suitable for a tiled floor finish to be applied directly to the finished concrete. The finished floor resulted in a 50% cost saving over the cost of a tradition screed.



Finished Dramix RC-80/50-BN floor ready for tile fixing

### Solution with Dramix®

**Fibre type:**

**RC-80/50-BN**

**Concrete thickness:**

70mm

**Concrete quality:**

C16/20 + PC Superplasticise

**Project size:**

12 cubic metres

