

BALCONY PROJECT

**PHIL HOBSON TILING.
OLDHAM, GREATER MANCHESTER.**

A client approached Phil with a request that he looked at his Balcony with a view to re-tiling the surface. The Balcony had been covered with quarry tiles some years ago and over time they had become loose and damaged. On closer inspection the project took on a new aspect. The original tiles had been fixed in a sand and cement bed which in turn was laid onto Asphalt. This unstable surface had no doubt contributed to the break up of the base. Cracked grout lines had allowed water penetration, frost damage had done the rest.

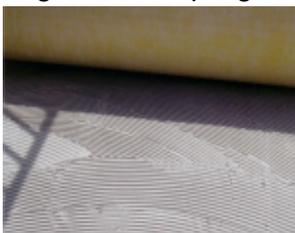


Removing the Asphalt was an extreme option, it was providing excellent service protecting the wooden substrate that was in turn acting as the roof of the clients Garage. After considering the project in detail Phil decided that he needed some way to remove the stress from the installation. After taking advice a specification was agreed.

A decoupling Membrane would be used to remove the stress from the substrate. An adhesive was chosen capable of bonding the membrane firmly to the substrate. A flexible adhesive and grout combination was to be used to fix tiles onto the surface. The original tiles were cleared. The Asphalt surface was cleaned and primed.



A thin bed of adhesive was combed onto the surface prior to fixing the decoupling Membrane in place. The joints and the



edges of the Membrane were sealed to prevent water penetration. Movement Joints were installed. Steps were protected with the appropriate profiles. The final covering of tiles was installed in one operation. Grouting took place when the adhesive had fully set. The edges of the installation were then Sealed using a waterproof mastic compound.



**Decoupling Membrane
CI Matting - Dural UK Ltd
Movement Joints
DFP-1038 - Dural UK Ltd
Step Edges
DST 932 - Dural UK Ltd
DURAL UK Ltd 01924 360110**

**Adhesives / Grout
Mapei Adhesives Ltd
0121 508 6970**

