

## Preparing the Right Tools

In order to carry out the work simply, quickly, and properly, you will need to acquire the following tools:-

- spirit level
- ruler
- tooth trowel
- brick layer's trowel
- filling trowel
- painting brush
- chipping hammer

## Method of Installation

Clay tiles are being installed using a variety of techniques. Ceramic tile installation techniques are often used to install the Clay tile units. Either at the jobsite or on prefabricated panels or home owners can follow the manual to do-it-yourself easily.

For large scale projects, Clay tile have been placed into forms and cast integrally with concrete, thus providing a very attractive architectural prefabricated panel. Another procedure involves bonding Clay tile to a substrate of convenient size, resulting in small, lightweight, easily installed modular panels.

Below are the procedures that could be used to install Clay tile:

### ***Step 1***

Clear all dirt, oil, grease, or other contaminants and remove all loose plaster, paint and scale on wall. Chip the existing painted wall surfaces with a chipping hammer and brush away all the flaky bits. Ensure that all surfaces are structurally sound.



## ***Step 2***

Apply a scratch coat to cover and level any uneven wall surfaces if necessary and allow it to set prior to applying the adhesive mortar. Prepare the adhesive mortar according to the manufacturer's instructions. Be careful that you add appropriate amount of water/latex in order to achieve good workability. Apply the mortar and level with a flat side of a trowel to about 10mm thick, comb the surface with the notched side of the tooth trowel and remove the excess mortar.



## ***Step 3***

Press the Clay tile firmly and evenly onto the wall surface so that the mortar behind the veneer squeezes out around its sides. Use a gentle wiggling action whilst pressing to ensure a strong bond between the veneer and wall surface.



## ***Step 4***

Use a small brush (about 8mm diameter and wet constantly) to smooth the mortar in the gaps between the veneers while the mortar is still wet. If you want to grout the joints, use a grouting pallet tool to carefully fill in the joints with mortar. If you prefer colored joints, oxide colorants can be mixed with the mortar. Take care not to dirty the veneer surface as cleaning is a hassle. Use a round or flat pointing tool to finish the joints when the mortar is thumbprint hard. Do not work on the joints too soon or the mortar will smear. Lastly, brush away any loose or excess dry mortar.

