



Earthen Wall Structure

verlaid wall

The material for the earthen wall was made by kneading straw into the soil. The kneaded straw dissolves to some extent and becomes one with the soil, resulting in a strong material, so it was laid outdoors for more than 6 months with summer in between.

The prepared wall material was applied by hand to underlying bamboo laths and hanging ropes. To prevent cracking and peeling after completion, the application and drying process is repeated for many layers. The plaster on the exterior walls is also repeated three times: prime coat, middle coat, and finish coat.

Bamboo Laths / Hanging Ropes as Earthen Wall' s Base



Let Wall Soil Kneaded with Straw Sit Sufficiently



Wall Soil Applied and Waiting to Dry



Plasterer Applying Wall Soil

