

MUD CONCRETE PATHWAYS

Walkways are crucial to any landscape design. The ‘pedestrian lanes’ are both functional and aesthetic. It’s the passages that allow you to walk, jog, skate, bike and bask in the cool breeze of the colourful landscape at any time of the year without getting your shoes wet or dirty. The design, style, colour and texture of the walkway defines the character and sets the mood of the outdoors manoeuvring one to various focal points.

VOLUMETRIC MIXING RATIOS:

M20 Concrete (1:5:5:6)

1	:	5	:	5	:	6
Bag Cement		20mm Coarse Aggregate		12mm Coarse Aggregate		Fine Aggregate

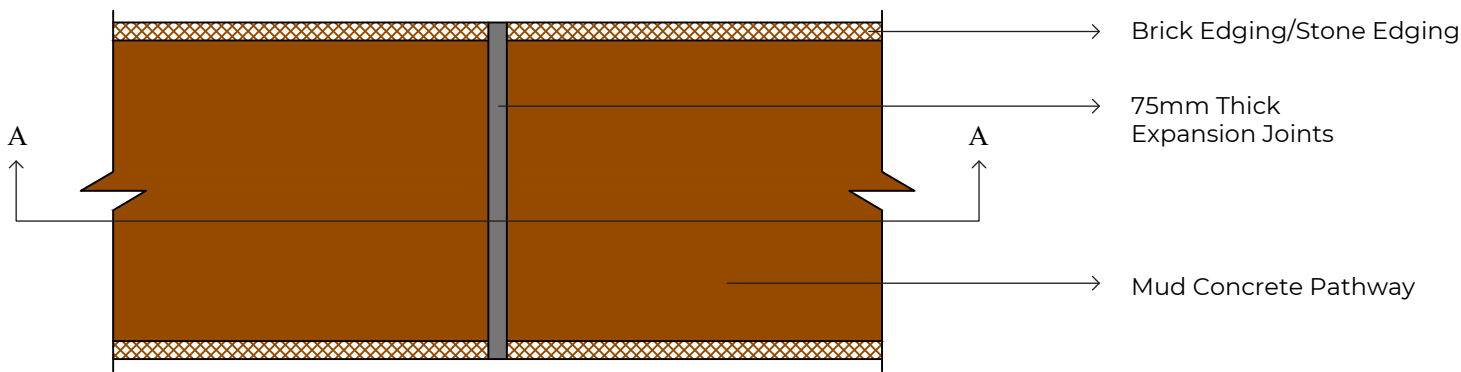
Mud Concrete (1:1:5:5:6)

1	:	1	:	5	:	5	:	6
Bag Cement		20mm Coarse Aggregate		12mm Coarse Aggregate		Mettur Soil/ Surkhi		Sand

Mud Finish (1:1:5:5:6:6)

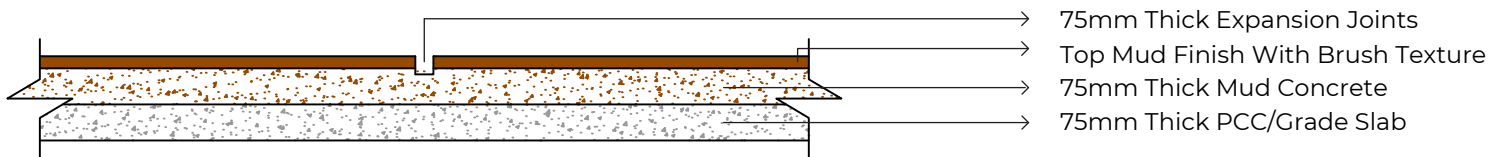
1	:	1	:	5	:	5	:	6	:	6
Cement		White Cement		Sand		Mettur Soil		Red Earth		Surkhi

MUD CONCRETE PATHWAY PLAN



* Figure not to scale

SECTION - A



* Figure not to scale

PROCESS



Marking and earth formation of pathway to be done as per design and levels of path.



Subsurface should be compacted well with earth rammer machine/road roller. Compaction area should be done with minimum 1 feet buffer on both sides of pathway.



Shuttering to be done with plywood if pathway is straight or with brick if the pathway is curved.



4

Steel reinforcement for the grade slab - 8mm Diameter TMT road @ 300mm C/C Spacing should be laid on both directions with 1" bottom covering.



5

A normal concrete (3") is laid out in the given proportion. With an additional mix of 2 bags of red soil to the concrete mixture, the mud concrete is poured to form 3" thickness.



6

For a smooth finish, red earth and white sand are added to **Surkhi mix**. Thus, giving an authentic look to the walkway.



7

A brushed effect : With a broom, textures are drawn out on the walkway for friction

What is Surkhi?

Surkhi is a pozzolanic material. It is made by grinding burnt bricks, brick-bats, or burnt clay to powder.



COMPLETED STAGE



MUD CONCRETE PATHWAY COMPLETED IN 2012



MUD CONCRETE PATHWAY COMPLETED IN 2015



MUD CONCRETE PATHWAY COMPLETED IN 2022