

Masonry Walls Analysis from Shish Mahal in Lahore-Pakistan

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ABSTRACT

Lahore Fort is situated in the north-west corner of the walled city of Lahore. Shish Mahal within the Lahore Fort was built in 1631-1632 by Mughal Emperor Shah Jahan. The restoration works were done for ceiling of Shish Mahal including the fixing of the roof, glass work and re-plaster recently. The side rooms and main courtyard were also restored. Nothing however was properly proposed and implemented for masonry walls of Shish Mahal on which it is standing. Patches of bricks and plaster have been deteriorated from walls due to effect of weather conditions.

The main part of Lahore Fort was made of burnt bricks with lime mortar which has deterioration over time due to various reasons. The brick work in Lahore Fort and its special monument Shish Mahal are badly distressed. This research has been done to underscore the reasons behind decay of masonry walls of Shish Mahal and proposes some remedial solutions for them.

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