

Delamination of Masonry Pavements

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Abstract:

Pavements of masonry units layed in a bed of conventional or latex mortar on a concrete base have an unacceptably high failure rate due primarily to delamination between the two materials. Differential thermal and moisture movements induce a shear stress that typically equals ultimate shear strength. Unbonded masonry toppings in a sand bed have a very satisfactory performance record when properly designed and built.

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