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Compressive Strength on Interlocking Concrete Blocks With Acacia Nilotica Ash and Broken Tiles

R.Vennila¹, R.Anuradha^{2*}, S.Kavitha³

^{1,3}RVS Technical Campus, Coimbatore-641402,India

²SNS college of Technology, Coimbatore, India

Abstract : The work aims to carry out an investigation on performance of hollow concrete masonry strengthened with replacement of cement by acacia nilotica ash and addition of tile chipset. The inner hollow portions considerably reduce the dead load. In order to get a finished surface several trial mixes were tested. The blocks were casted with and without ash and chipset and the blocks were subjected to compression test and from this compressive strength of blocks were examined.

Keywords : Interlocking, chipset, Acacia nilotica, ash.

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