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(54) **PREFABRICATED PANEL FOR
CONSTRUCTING STRUCTURES AND
METHODS OF MAKING SUCH PANELS AND
CONSTRUCTING STRUCTURES WITH SUCH
PANELS**

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(57) **ABSTRACT**

A prefabricated panel comprising autoclaved aerated concrete for constructing residential, commercial and industrial buildings and other structures including a first facing bonded to one side of the autoclaved aerated concrete, a second facing bonded to the other side of the autoclaved aerated concrete, and reinforcement members that provide structural integrity to the panel and enable the panel to be readily transported to the construction. A method for constructing residential, commercial and industrial buildings and other structures with the prefabricated panels, including constructing the prefabricated panels, transporting the prefabricated panels, and securing together the prefabricated panels with securement means.

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