

# Moladi ~ Push To Supply Longer-Term Lodgings



Housing and building construction systems company Moladi believes mining companies, which are currently dealing with the commodities downturn, should invest in longer-term building solutions for the purpose of on-site accommodation, as opposed to more traditional prefabricated modular buildings.

Thus, the company is targeting the mining industry for the provision of long-term accommodation, says [moladi](#) founder and CEO Hennie Botes.

The Port Elizabeth-based company's buildings offer mines investment in permanent structures, which can be used for a range of applications, from accommodation to storage, that are secure, unlike temporary modular solutions. Further, the company emphasises that its focus on providing a housing solution that is a quicker and a cheaper method of producing better-quality structures that are "far more durable and require less maintenance" will benefit mines and their workers.

Moladi uses mine by-products such as mine slag and crusher dust, which act as a stable level filler, as bulk building material to construct its long-term housing solution, reducing the cost of construction.

He adds that the company can construct buildings that are more durable than prefabricated and traditional brick and mortar building solutions.

Moladi's green building method involves the use of removable, reusable, recyclable and lightweight plastic formwork moulds that are filled with mortar consisting of sand and cement.

The walls of Moladi's buildings have a strength of 16 megapascal (MPa), compared with traditional brick walls that start at 2 MPa. "Our walls are up to six to eight times stronger than brick and cement," adds Botes.

Read more: <http://www.designmind.co.za/push-to-supply-longer-term-lodgings>