

Construction Method - Housing Construction

Decent housing is one of the key factors in the fight against poverty and social exclusion. It is not just about putting a roof over someone's head. Academic research proves that access to a clean and stable home implicates an improvement in security, health and education.

[Moladi](#), a South African based company established in 1986, makes housing accessible to low-income people through innovative and eco-friendly technology



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The [Moladi Construction System](#) consists of a reusable and recyclable plastic formwork mould, which is filled with stone-less concrete and a special chemical additive. This additive ensures that, once the mortar is set, the framework can be removed – and reused up to 50 times. According to the founder Hennie Botes, the brickless walls can withstand all types of weather. The formwork is lightweight allowing easy transportation. Due to the

simplicity in design and the repetitive application scheme, construction costs can be reduced significantly. The Moladi model is not only cost-effective but fast, too. Botes comments that the wall structure of a house can be completed within one day. A further plus point, especially in remote areas, is that the construction does not require heavy machinery or electricity.

With the motto "[Train the unemployed to build for the homeless](#)" Moladi combines construction with economic development. The company offers training locally for the unemployed thereby creating jobs and empowering the community as a whole. Due to the simplicity of the approach, construction techniques and skills can be transferred in a short time. In this way, the communities benefit from affordable shelter and skilled entrepreneurs (in the area of low-cost housing) at the same time. Moladi's success in over 20 countries shows that affordable housing is an important key in finding solutions to promoting security and alleviating poverty. For more information visit moladi website - www.moladi.net

Keywords: - moladi, affordable housing, construction method, housing, construction, building, alternative building technology, building system, building method, new method, alternative construction method, Housing Construction Method, [construction method](#)