



# Video: Fastbrick Constructs World's First 3D Printed Multi-Room Brick Structure

Fastbrick Robotics Limited (ASX:FBR) ("FBR" or "Fastbrick Robotics") is pleased to advise that a new corporate video demonstrating the revolutionary capabilities of the Hadrian 105 is now available for viewing on the Company's website.

The time-lapsed video depicts, for the first time in history, a multi-room brick structure being constructed using end-to-end, fully automated 3D printing technology.

Consistent with the previously announced room build, this multi-room structure was built to a renderable quality from a 3D CAD model, using an adhesive on certain courses to provide structural integrity while minimising the wastage of bricks.

The Hadrian 105 achieved a bricklaying speed of 225 standard brick equivalents per hour, which is in line with its design speed. The focus of the Hadrian 105 program was to prove:

- the functionality of the laser guided movement compensation system;
- the end-to-end capability (no human hand needs to touch a brick);
- the ability to build a structure from a 3D CAD model;
- the structural integrity and functionality of the adhesive application system; and,
- the accuracy of the bricklaying process.

Having achieved all of the above on a prototype utilising some outdated componentry, FBR is very excited to have completed the testing program of the Hadrian 105 prototype and will soon begin construction of the first Hadrian 109 commercial prototype. The Company has already received commercial interest for the technology from over 45 countries, and is excited to begin the next phase in the evolution of construction automation.

The video is available for viewing on the Company's website at the following link:

<http://www.fbr.com.au>

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## About Fastbrick Robotics

*Fastbrick Robotics has developed the world's latest innovative advancement in mobile robotic technology that will vastly improve the speed, accuracy and safety of the global brick construction industry. Fastbrick Robotics is finalizing the development of its prototype and will be working towards development of a commercial model for commercial use in 2017/2018.*