



From left, Chaudhary, Singh, sponsor Harold Reimer from Exocore, Roberts and Bujor.



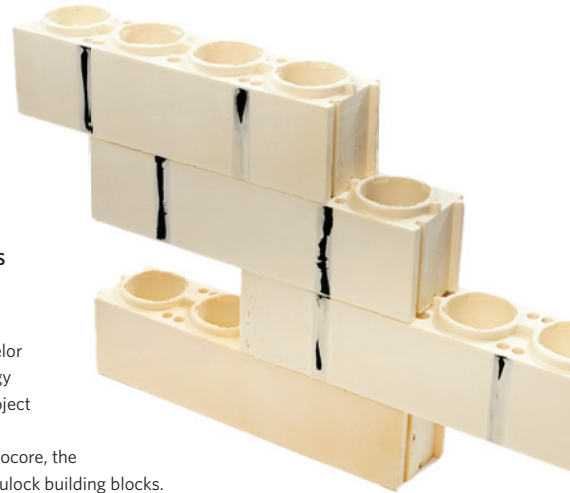
VIOREL BUJOR, ABHISHEK CHAUDHARY, LEE ROBERTS AND JASMEET SINGH

The ideas proposed by this team as part of their Bachelor of Technology in Technology Management capstone project identified savings of more than \$127,000 for client Exocore, the Canadian distributor of Insulock building blocks.

“For a small company, that’s like having two or three full-time people on board,” says president Harold Reimer.

The team found a better way to release the polyurethane block from the mould during manufacturing. The problem: about 10 per cent of blocks got stuck, resulting in 30 days of lost production a year. The solution: tapered moulds. The result: production increased as only one per cent of blocks got stuck, decreasing lost production to 7.5 days a year.

Manufacturing has since been outsourced to a company that adopted the students’ tapered mould solution.



These interlocking blocks, which have an R-value of 38, are used to build walls in commercial and residential construction.