



CAPE TOWN, STELLENBOSH  
Bio Medical Research Institute

Building Type	Education
Building Size	32 892 m <sup>2</sup>
Build Dates	January 2019 to November 2022
Developer	Stellenbosch University – Faculty of Medicine and Health Sciences
Architect	Roelof Rabe Architects (Grant Gush)
Contractor	Main Contractor: WBHO (Deon Moller) Sub Contractor: ACP (Alister Raine)
Engineer	Triocon Consulting Engineers (Johan Botha) ; Ekcon Engineers (Addy van der Lugt)
Environmental Consultant	JG Afrika & Ludwig Design Consulting

### PROJECT CHALLENGES

**Challenge 1** – Existing building constraints posed technical challenges with the ceilings and bulkheads – The entire team collaborated to redesign solutions.

**Challenge 2** – Navigating the project within an adjusted control budget posed a significant challenge, requiring careful resource allocation and strategic decision-making to ensure project success while maintaining financial constraints.

**Challenge 3** – All technical support was temporarily withdrawn until written confirmation exclusively endorsing Saint-Gobain solutions was obtained, demanding swift resolution to ensure project continuity and quality assurance.

### SAINT-GOBAIN SOLUTIONS

**CEILINGS** – Ecophon **Hygiene Clinic™ A**, **Gedina™ A** supported by **Gypframe grid**

**WALLS** – **RhinoBoard® FireStop® dB** plasterboard

**INSULATION** – Isover **Ductwrap®** on all HVAC systems, **135 mm Factorylite®** insulation in the Atrium.

### PRODUCT LINKS

Click on the text hyperlinks

[SpecSure® Brochure](#)

[Hygiene Clinic™ A](#)

[Gedina™ A](#)

[RhinoBoard® FireStop® dB](#)

[Ductwrap®](#)

[Factorylite®](#)

### SAINT-GOBAIN PROJECT TEAM

Click on names for email addresses



**MARK LE GRANGE**

Senior Area Sales Manager



**RIAAN WALTERS**

Technical Insulation Project Manager

### CONNECT WITH SAINT-GOBAIN

At Saint-Gobain, we strive to make the world a better home through building better for people and the planet.

For additional information about our diverse product offerings and solutions, we invite you to visit our websites: [GYPROC](#), [ISOVER](#), [WEBER](#), & [a.b.e](#)

[saint-gobain.technical@saint-gobain.com](mailto:saint-gobain.technical@saint-gobain.com)

### BUILD SUMMARY

Stellenbosch University's Faculty of Medicine and Health Sciences, known for its innovative initiatives, recently established the Biomedical Research Institute (BMRI), equipped with cutting-edge facilities and a focus on addressing Africa's health challenges. The successful completion of the project, integrating Ash & Lacy systems with Isover insulation and advanced acoustic solutions, underscores the importance of technical support. With a focus on acoustic performance and fire safety, the project, executed in three phases over eight years, achieved its goals in a four-year construction period. Emphasizing sustainability, the project earned a 4 Star Green Star rating. Collaboration with stakeholders ensured seamless installation. Notably, the Saint-Gobain team's expertise was evident in overcoming technical challenges.

### SAINT-GOBAIN MAIN PROJECT SOLUTIONS

**Acoustic comfort** ceilings and walls to limit external noise

**Thermal comfort** ceilings and walls for **energy efficient** indoor temperature comfort control

**Lightweight solutions** to save on **waste management** and foundation costs for the building

Dry build solutions to **minimise water** consumption during the build



### CLIENT TESTIMONIALS

