



CAPE TOWN
ZEITZ MOCAA

Building Type	Commercial – Contemporary Arts Museum
Building Size	9,500 m ² (Over 9 floors), 6,000 m ² (Exhibition space), 17,000 m ² of Plasterboard
Build Dates	May 2014 to September 2017
Developer	V&A Waterfront Developers
Architect	Thomas Heatherwick (International); VDMMA; Jacobs Parkers Architects; Rick Brown + Associates (Local)
Contractor	Scheltema

PROJECT CHALLENGES

Challenge 1 – Triple volume rooms meant ceiling installation required scaffolding – resulting in additional time and logistical challenges.

Challenge 2 – Re-skimming of walls to consider changes in layout. Additionally, addressed the significant moisture challenges on-site arising from adverse weather conditions.

Challenge 3 – Aside from designing the unique atrium space, the project's most significant hurdle was managing the budget constraints.

SAINT-GOBAIN SOLUTIONS

- DRYWALL** → RhinoBoard® MoistureResistant plasterboard. RhinoBoard® FireStop® plasterboard
- CEILINGS** → Rigitone® ceiling boards for acoustic performance. RhinoBoard FireStop® a fire rated ceiling system fixed to a framework of Gyproframe® UltraSTEEL® 51 mm.
- INSULATION** → Cavitybatt™/Cavitylite® insulation for drywalls. Energylite® insulation for ceilings
- PLASTERS** → The drywall system was completed with the luxurious RhinoLite® CreteStone® skimmed plaster finish, resulting in smooth walls.
- SILICONE** → a.b.e® silicone for pillow facades
- GLASS** → Durable multi-layered Saint-Gobain Glass Lit floor X-grip
- GRIDS** → PAM Water Grids (Full flow, storm water and rainwater) to manage a safe path for water

PRODUCT LINKS

Click on the text hyperlinks

[SpecSure® Brochure](#)

[a.b.e® Silicone](#)

[RhinoBoard® FireStop® Plasterboard 15 mm](#)

[Rigitone®](#)

[RhinoLite® CreteStone®](#)

[RhinoBoard® MoistureResistant](#)

[Cavitybatt™/Cavitylite®](#)

[Energylite®](#)

[Glass Lit floor X-grip](#)

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

BUILD SUMMARY

In the heart of a bustling urban landscape, a visionary transformation unfolded. The focal point of this metamorphosis was an extraordinary 23-meter extra high drylined Gyproc drywall that lent structural support to the awe-inspiring atrium silos. Picture 42 massive concrete tubes, standing proudly at 33-meters each, their formidable exteriors concealing a rich history within. For ensuring the preservation of priceless artworks and safety of patrons, careful considerations was given to fire safety as well as acoustic comfort for visitors. All 80 art galleries demanded fire rating, extending to both walls, ceilings and floors. This imperative also extended to the 7th-floor restaurant area ceilings, underscoring the commitment to safeguarding the cultural legacy housed within. Today, this monumental transformation stands as a testament to human creativity and vision, proving the enduring power of art to reclaim and revitalize even the most unlikely spaces.

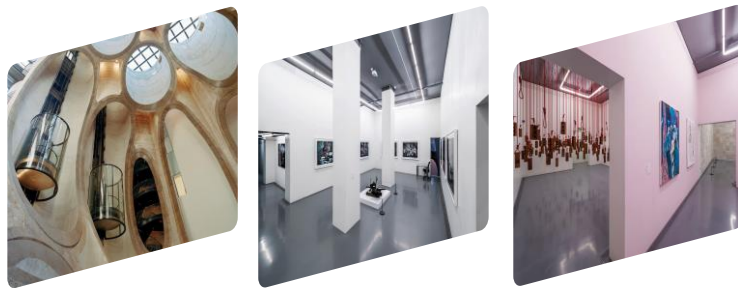
SAINT-GOBAIN MAIN PROJECT SOLUTIONS

Acoustic comfort
ceiling systems to assist in providing a great environment for art contemplation

Thermal comfort
drywall system allowing optimal levels of natural daylight

Lightweight solutions to comply with tight time schedule and dry build to **minimise water use**

Fire safety to ensure safety of patrons and artwork to a superior fire performance



CLIENT TESTIMONIALS

Heatherwick studio

"We took one grain of corn and started playing around with it. That's how we came up with the idea to carve grain-shaped openings into the cement walls that now form the museum's atrium."

– Thomas Heatherwick

The Rooftop Sculpture Garden comprises of Saint-Gobain Glass's very strong multi layered laminated Glass. This Glass lights up the atrium. We wanted to incorporate art, into the building fabric so we commissioned El Loko from Togo in West Africa to emboss his new cosmic alphabet pattern onto the Glass.

Installing the right materials contributed hugely towards the final outcome of transforming the old silo building into a sustainable architectural and artistic glory. The result is an interior space that's safe and comfortable, meeting the complex installation requirements while remaining structurally sound and aesthetically beautiful.

- Mark Noble – V&A Director of Development

SAINT-GOBAIN PROJECT TEAM

Click on names for email addresses



JANET THOMPSON

National Sales Manager: Project Sales Excellence

