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## P R E S S   R E L E A S E

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# 400 000 SQUARE METERS OF SAINT-GOBAIN'S EXPERTISE IN ONE OF SOUTH AFRICA'S LARGEST SHOPPING MALL

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One of South Africa's largest shopping mall, developed by Atterbury Property, halfway between Johannesburg and Pretoria, opened its doors on Thursday last week. At the heart of Waterfall, the Mall of Africa is set to change the face of Midrand in Gauteng. Spanning over 131,000 square meters, the mall was constructed utilizing 400 000 square meters of Saint-Gobain's solutions, provided by five of its brands: Saint-Gobain Ecophon, Saint-Gobain Glass, Saint-Gobain Gyproc, Saint-Gobain Isover and Saint-Gobain Weber. Ranging from wall panels, to glazing, plasterboard, glass wool and mortar, all Saint-Gobain activities contribute to serve the buildings with energy efficiency and comfort for future shoppers.

## Saint-Gobain, a group committed to sustainability

The Mall of Africa combines the latest international trends, with a core focus on the use of environmentally sustainable materials and technologies.

Saint-Gobain supplied more than 30 000 square meters of ETICS system (External Thermal Insulation Composite System). This system is fast gaining ground in the alternative building technology market, with local architects and engineers recognizing its long term benefits and positive impact on the environment. Indeed, it reduces thermal losses while keeping ambient temperatures comfortable throughout the year. It also significantly helps contribute to saving the planet by using no water on site.

ETICS system is a Saint-Gobain cross-activity' solution which includes:



- an internal lining used within a steel frame structure made up of one layer of Gyproc RhinoBoard FireStop 15 mm from Saint-Gobain Gyproc and glass wool Cavitybatt Insulation from Saint-Gobain Isover
- an external lining made up of a combination of breathable membrane called Ecran Integra fixed to the sheath and Sagex EPS boards from Saint-Gobain Isover

And it is finished with an acrylic resin decorative topcoat and mesh supplied by Saint-Gobain Weber.

## Saint-Gobain, a provider of comfort and well-being

From air quality to thermal, acoustic, and visual comfort, Saint-Gobain solutions contribute to optimise the shopper experience in the Mall of Africa.

### ► Towards better air quality

Saint-Gobain Weber provided more than 100,000 square meters of tile fixing products that enhances air quality. Indeed, these products contain a Volatile total Organic Content (VOC) <0.01 in g/g of solids and use up to 20% of Fly-Ash (a by product from coal fired power stations) as a filler. It means that the product recycles Fly-Ash that could otherwise have landed on a dump.

### ► Towards better thermal comfort

In addition to the Saint-Gobain ETICS system that guarantees the reduction of thermal bridges and greater thermal comfort throughout the year, Saint-Gobain Isover supplied about 160 000 square meters of glass wool to reduce heat and gain loss:

- 87, 000 square meters of Saint-Gobain Isover Ductwrap, a non-combustible HVAC insulation that is used to wrap metal ducts to improve the energy efficiency of a buildings air-conditioning
- 74, 000 square meters of Saint-Gobain Isover Factorylite, an effective roofing insulation

### ► Towards better acoustic comfort

In order to provide acoustic and thermal comfort as well as fire protection, Saint-Gobain Gyproc provided about 120, 000 square meters of high performance internal partitions along with glass wool Cavitybatt Insulation from Saint-Gobain Isover, and ceilings.

In parallel, Saint-Gobain Ecophon supplied ceiling panels for two select retail spaces to create a better sound environment.



### ► Towards better visual comfort

ETICS system offers architects and structural engineers far more scope in their designs than the alternative brick or off-shutter concrete solutions. By the way, it helps the building to be aesthetically pleasing.

Eventually, 4000 square meters of SGG Cool-Lite SKN154 II glazing were supplied by Saint-Gobain Glass for the roofing to offer natural light and blocks up to 72% of solar heat.

## Saint-Gobain, a customer-oriented Company

Saint-Gobain also shared its technical expertise by providing on-site and off-site design detailing support as well as encouraging up skilling programmes for building professionals through its Technical Training Academy.

About 30 people previously trained by Saint-Gobain have been hired by contractors to work in the Mall of Africa project. It acknowledges Saint-Gobain commitment to meet customer expectations while encouraging people development.

**About Saint-Gobain:** Saint-Gobain, the world leader in the habitat and construction market, designs, manufactures and distributes high-performance and building materials providing innovative solutions to the challenges of growth, energy efficiency and environmental protection. With 2015 sales of €39.6 billion, Saint-Gobain operates in 66 countries and has more than 170,000 employees. For more information about Saint-Gobain: [www.saint-gobain.com](http://www.saint-gobain.com)

**Saint-Gobain in Sub-Saharan Africa:** Saint-Gobain is supporting the development of Sub-Saharan Africa by providing a range of services and solutions tailored to local demand. The Group aims to improve living comfort for the greatest number of people, the industrial partnerships it forms, the local employment it creates, the ad hoc training it provides and the actions it implements with the Saint-Gobain Initiatives Foundation. With its presence in the region since 1929, the Group now has four offices, eight showrooms with employees in 12 countries: South Africa, Zambia, Botswana, Mozambique, Ivory Coast, Cameroon, Angola, Zimbabwe, Tanzania, Ghana, Kenya and Ethiopia.

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