Референс об'єкт

Glenelly wine cellar, South Africa



Вклад Uponor

3000

Glenelly wine cellar, South Africa

Cape Town wine farm features South Africa's first TABS project and setzs new standards to the construction industry.

Коротко про проєкт

Location
Stellenbosch, South Africa

Рік завершення будівництва
2009

Тип будівлі
Будівлі сільськогосподарського призначення

Системи продуктів
Поверхневе опалення/охолодження

Адреса
Lelie Street,

Сайт
http://glenellyestate.com

Тип проєкту
Референс об'єкти

Партнери

enduser
May de Lencquesaing
Lelie Street, Idas Valley, Stellenbosch
7600 South Africa
South Africa

installer
Orenge Environeering Design
P.O Box 5906 Tygervalley 7536
South Africa

contractor
Afripex
Unit 1 8 Daytona Road Killarney
Gardens
South Africa

The Glenelly Estate is in the Idas Valley, located in Stellenbosch, on the southern slopes of the Simonsberg Mountain. Its origins date back to the seventeenth century. In 2003 May de Lencquesaing, seeing great potential in the terroir of the 128 hectares Glenelly farm, decides to invest in this young republic and acquires the estate from the Garlick family.

Internationally considered as a benchmark in climate engineering, Glenelly Estate is a winery that features South Africa's first TABS (Thermally activated building systems) project and sets new standards to the construction industry in terms of innovation and climate engineering.

Engineered application of the most current building science and technology ensures room conditions of 16°C and 75% RH year round. An integrated passive strategy uses passive night time cooling combined with an evaporative cooling tower in winter and air cooled chiller plant in summer.

The successful operation of the project has defined new boundaries for TABS as a technology and has proven it's functionality in harsh South African summer climate. A total area of 3000 m2 is activated by circulating water through the structure of the building. Thermal inertia of the 1600 tonnes of concrete controlled by sophisticated logic plays a significant role in the detailed design.

Glenelly wine cellar, South Africa









Адреса

Представництво Упонор ГмбХ в Україні
просп. Миру, буд. 15а, оф.405
м. Київ, Україна
02105

Номер телефону + 38 044 209 79 09
Електронна адреса
klientservis.ua.bfs@georgfischer.com
W www.uponor.com