

Architectural Facade Systems
CEME Division

Case Study

Fujirebio GoCo



CASE STUDY

FUJIREBIO GOCO

Project name:
Fujirebio GoCo

Type:
Office and laboratory building

Location:
Mölndal, Sweden

Investor:
Next Step Group

Architect:
Kanozi Arkitekter

Start of the construction: 2020
End of the construction: 2021

Product:
Dri-Design Flat, Dri-Design Tapered

Colour:
Silver Sparkle 0001, Silver 0002, Silver 0004, Grey 0017, Anodic 0012,
Anodic 0014, Anodic 0015

Façade Area:
2 500 m²



Project Highlights:

Fujirebio's building is designed by Kanozi Arkitekter and gives associations to Mount Fuji in Japan. The building is one of the first to be completed in GoCo Health Innovation City, the fast-growing life science city next to AstraZeneca in Mölndal. Fujirebio's new building in GoCo has been created to develop tomorrow's diagnostics. This has meant high demands on how the house was designed and constructed.

Both exterior and interior, the design language has been based on light, lightness and solid materials, qualities that characterize both Scandinavian and Japanese architectural traditions. The building rests on a dark and heavy brick plinth that transitions into an angled Dri-Design cassette facade that gradually brightens and transitions to perforated screens, a nod to the mist above Fuji, the company's namesake.



The Challenge:

The architect designed the vertical appearance of the facade in seven different Dri-Design colours with a maximum height of the Dri-Design cassette of 1220 mm. The final effect was achieved with alternating Dri-Design Flat and Tapered cassettes installed at different angles and widths.

The Result:

The final effect and the facade looks very good. Thanks to the high-quality cassettes, the facade will look very good for a long time.





Product Information:

Dri-Design is an aluminium cassette based system dedicated for buildings with minimal as well as sophisticated facade design. The system combines quick and simple installation with durability and high technical performance. Thanks to different cassette shapes available (Flat, Shadow, Tapered) a 3D facade can be achieved.

- High quality aesthetic options - very wide range of colours, finishes, sizes and cassette shapes.
- No sealants or gaskets.
- Minimum number of components - fixing points located only along the top edge of the cassettes.
- Significantly faster installation compared to similar façade systems.
- Low cost of façade maintenance and upkeep.
- Dri-Design cassettes can be installed to the Karrier panel (as a direct fix or via aluminium omega or z profiles) or to the substructure (as part of ventilated facade).



Interview:

Interview with Architect: *Gustav Bäckström, Kanozi Arkitekter*

1. What was the key challenge for you when designing the facade of the building? Did specific or difficult technical requirements have to be met?

GB: There were some tricky and special parts regarding corners and sizes. The idea to use several different finishes also contributed. I think that we stretched the limits of the system in regards to angles, depths sizes etc.

2. Were there any specific Dri-Design requirements or features that influenced your decision to use this system in your project?

GB: The simplicity of the system and how it works together with the Paroc panels, as well as the variety in color options were strong contributing factors.

3. Does the end result meet your expectations regarding the aesthetics and durability of the product?

GB: Yes. The projects does look different depending on angle and distance. A quality that we were after. Durability wise only time can tell, but one year in the running in rather difficult conditions (in a construction site and proximity to large road) the facades still look good.

4. What is your opinion on cooperation with Kingspan during this project?

GB: The collaboration was overall good and the system was rather simple to understand.



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