



STATS SA New Head Office

WINNER OF THE GRS METAL CLADDING CATEGORY

The Stats SA project consists of new offices and an archive building. Roof and side cladding is 0.58mm thick Galvanized Z200 GRS Brownbuilt 406 profiled sheeting with standard Chromadek finish one side and standard backing coat to other side. Sheeting colours include Dove Grey, Dark Dolphin and Charcoal. Insulation used over purlin on roof and sides were 40mm thick white faced Lambdaboard and Sisalation 405.

The site was extremely congested and installation programme duration very short. The buildings were high, with lots of angles and direction changes on sides. Underslung sheeting in long lengths in Brownbuilt 406 profile tapered with angles. The Architect requested concealed-fix flashings. In order to address these challenges, the main contractor assisted with crane and special scaffolding. Another solution included the design of special clip-on flashings.

JUDGE'S COMMENT:

"Over and above its aesthetic appeal is the innovative use of metal side cladding on a commercial building, which is most unusual these days. It's also unusual and interesting because on this state of the art modern building, we have a profile used that dates back to the 1960s. Another thing that impressed me was the incredible quality of the workmanship. In this type of an application you really have to pay attention to the detail, or the cladding will look very tacky very quickly." – Dennis White, SAMCRA

What makes this project special is that all roof sheeting, side cladding and soffit sheeting is concealed-fix sheeting. Majority of flashings was concealed-fix or designed to hide fasteners. The most impressive technical aspect of this project is the underslung Brownbuilt 406 profiled sheeting and special flashings.

For a video case study of this project visit: <http://ow.ly/NCKr303PJQP>

PROJECT TEAM

Client / Owner / Developer:

Dipalopalo

Architect:

GLH Architects – Terra Ether JV

Structural Engineer:

Pure Consulting

Quantity Surveyor:

RLB / Pentad

Project Manager:

GLH Project Manager

Main Contractor:

STATS SA JV

Steelwork Contractor and Nominator:

Cadcon (Pty) Ltd – richbutler@cadcon.co.za

Structural Steel Detailer / Detailing Company:

Mondo Cané

Cladding Contractor:

Tate and Nicholson

Metal Cladding Supplier:

Global Roofing Solutions

Paintwork:

Dram Industrial Painter

Photographer (photo competition):

Faiyaz Ally, Pure Consulting