

# CGL ZINC RAINSCREEN SYSTEM

## Utilising preweathered Zinc

CGL's standard zinc ventilated façade, this system incorporates the CGL CS3 support system and 1.5mm thick zinc cassette panels. The system features are -

- Excellent panel flatness
- Modular shadow joints
- High quality oxidized zinc finish (blue/grey patination)
- Full system warranty
- Zero maintenance requirements and self healing
- Excellent graining and colour consistency

### PROJECT:

Liverpool:

#### **The Fact Centre**

Architect:

#### **Austin Smith Lord**

Cladding Contractor:

#### **Carlton Building Systems Limited**

### PROJECT DETAILS:

This development features 2000m<sup>2</sup> of zinc cassettes incorporated into the CGL Zinc Rainscreen System. The panels are 600 x 600mm square and exhibit a superb consistency of shade which would take many years to achieve through natural weathering. This "natural" metal needs no maintenance and will continue to consistently patinate over the years ( a life span in excess of 60 years will apply)



# CGL ZINC RAINSCREEN SYSTEM

## GENERAL DESCRIPTION

The system comprises prepatinated zinc panels which are secret fixed to the CGL CS3 extruded aluminium hanging system. Being a rainscreen system, this façade is ventilated and requires to be hung from a structural internal wall which is air-impermeable, insulated, and acoustically satisfactory. The cavity between the backing wall and rainscreen is pressure equalised and thus inhibits the ingress of driven rain and also allows any penetrating moisture to dry out naturally. All CGL systems are independently tested and are compliant with the 'Standard for Ventilated Facades' as produced by the Centre for Window and Cladding Technology at Bath University.



## PREPATINATED TITANIUM ZINC

Titanium zinc sheeting is a structurally - strong sheeting in 1.5mm thickness. The material is prepatinated in a factory process and thus gives quality control over thickness and consistency of finish, longevity, and warranties as to performance. CGL has developed extensive expertise in fabricating cassettes, cappings, curved details and louvres from this material and takes full responsibility for designing the structural attachment and stiffening of the panels.

## CGL CS3 SUPPORT SYSTEM

Rainscreen support system technology under the CGL brand gives the installer total flexibility to produce a flat, modular façade to exceptional tolerances. Essentially a vertical rail system with wall brackets, the design detail built into the extrusions and tension cam connectors is unequalled in this market. All materials are aluminium, stainless steel, and neoprene compression gaskets.

## MAINTENANCE

Preweathered zinc carries the major benefit of being virtually maintenance-free. No specific regular washdown procedure is necessary. Any scratching or abrasions to the surface will "self-heal" by reweathering over reasonably short periods. Dirt and dust can be removed by washdown with pure water and a sponge.

## WARRANTY

CGL Systems offers warranty over system design and performance for varying periods dependent on location and material used, covering replacement of defective product.

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