

Selfridges Birmingham, UK

Aluminium Plate
(Naturally anodised to reduce corrosion)

Aluminium Mesh Inset Screen
(Protects gutter from becoming clogged)

Aluminium Gutter

Polished Aluminium Disc
(Naturally anodised to reduce corrosion)

Stainless Steel Panel
(Naturally anodised to reduce corrosion)

Concrete Panel
(Naturally anodised to reduce corrosion)

Insulation
(Naturally anodised to reduce corrosion)

The façade construction covers the concrete panels with a vapour barrier, insulation and an outer, spray-applied, coloured membrane on a fibre glass reinforced render. Finally, the building was clad in 15,000 anodized aluminium discs.

Function Of Each Material:

Concrete Panels: *The concrete acts as the structural facade, dividing the surface of the façade into storeys. This allows each storey of façade to be hung from the floor structure above and only laterally restrained at the connection with the storey below.*

Insulation: *The insulation layer functions to keep the building warm.*
Fibre glass Render: *The fibre glass render provides a further level of reinforcement to the facade.*

Aluminium Discs: *The discs are aesthetic. The design however contributes to the experience of the building by casting interesting shadows and adding an interesting texture to the urban landscape.*

Gutter: *Rainwater from the curved roof and façade is collected by integrated, 'invisible' gutters at the façade 'shoulder' level, where it is brought into the building.*

