

Neue Nationalgalerie Refurbishment, Berlin

Built heritage — 06A001297

David Chipperfield Architects



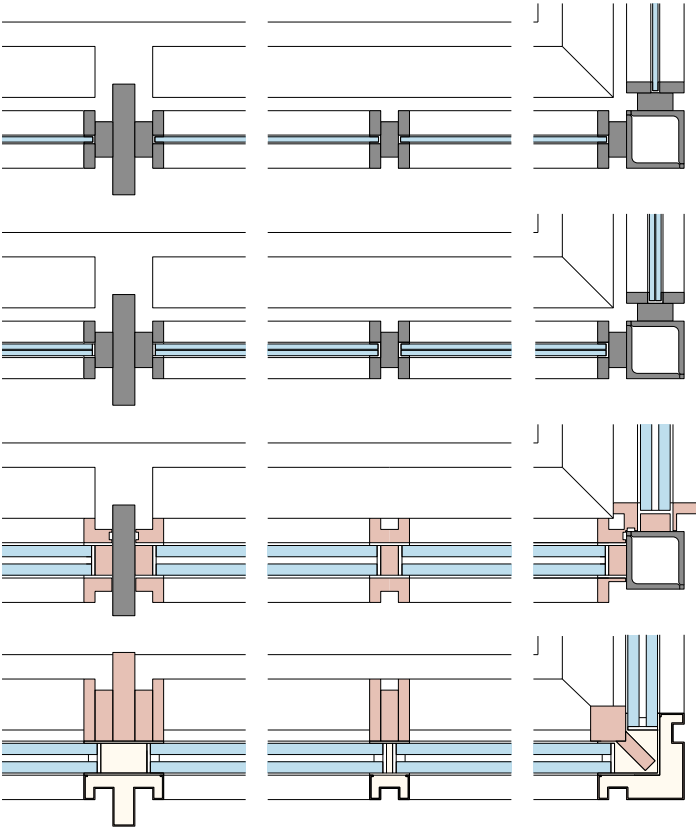
Façade detail, © Simon Menges



Steel and glass façade, © Ute Zscharnt for David Chipperfield Architects

Glass façade: overview of the existing structure and planning options of window profiles in cross-section

Planning options 2 and 3 were discarded because the interventions would have profoundly changed the historic structure. A far-reaching energetic retrofitting was therefore renounced in favour of preserving the existing appearance.



Existing
Solid steel profile and single-panel glazing made of cast glass without thermal separation

Option 1 (implemented)
Minimal modification with new laminated safety glass without thermal separation

Option 2
Insulated glazing with adapted solid steel profiles

Option 3
“State of the Art”
(Insulated glazing and thermally separated profiles)

Glass façade exhibition hall, overview of existing and planning variants



Exhibition hall, © Simon Menges / Ludwig Mies van der Rohe / VG Bild-Kunst, Bonn 2021