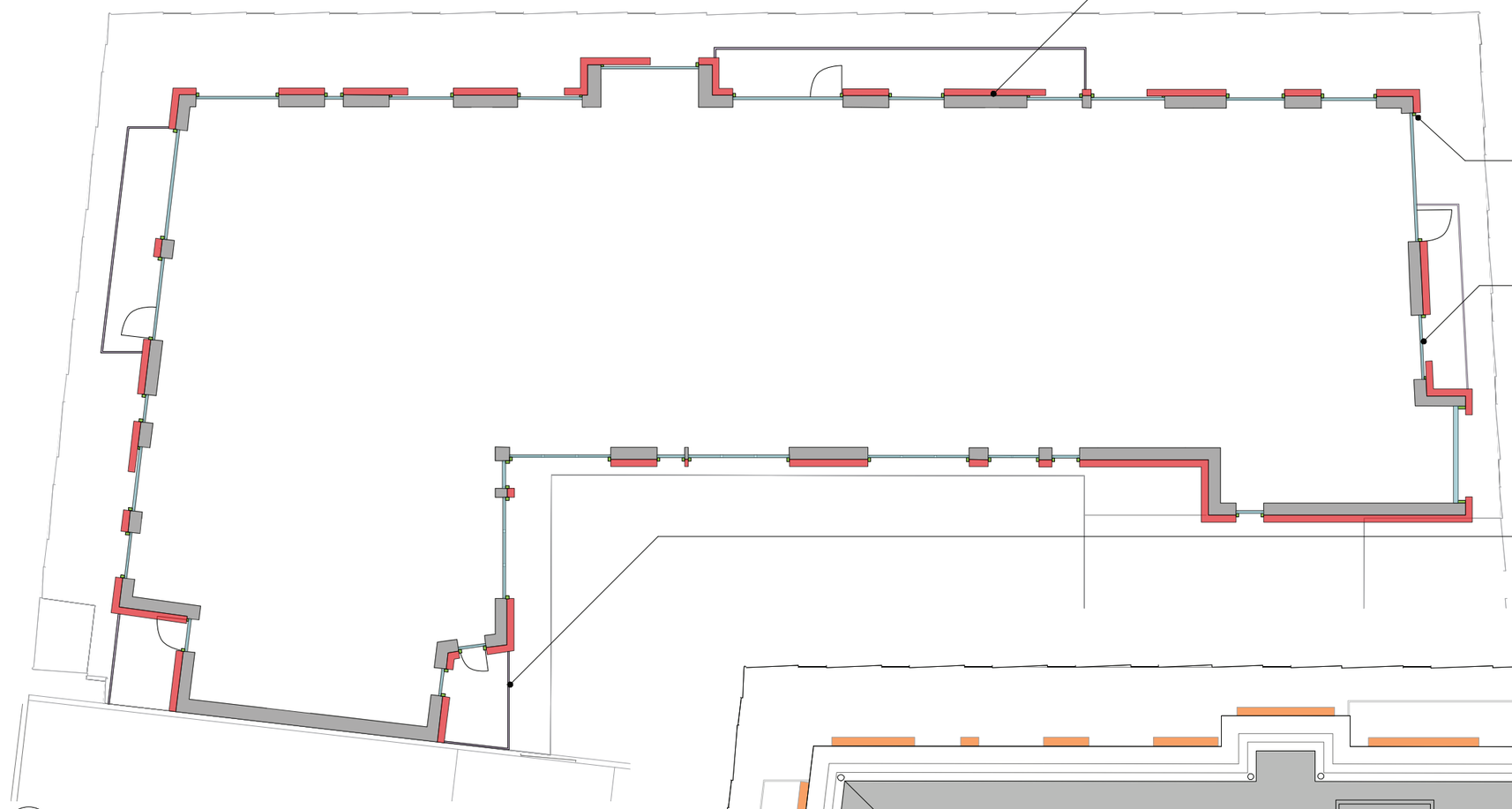
HONE : 34A-36 KILBURN HIGH ROAD, LONDON
MATERIALS FOR DISCHARGE OF CONDITIONS
12TH APRIL 2018

KEY PLANS



1 PROPOSED FIFTH FLOOR KEY PLAN

MATERIAL 1 - TRANSLUCENT GLASS RAIN SCREEN CLADDING:

PILKINGTON PROFILIT RAIN SCREEN GLASS CLADDING TO BE INSTALLED IN ACCORDANCE WITH THE APPROVED DRAWINGS ORIGINAL TRANSLUCENT SPECIFICATION.

GLASS TO BE LOW IRON 'CAST UNWIRED SANDBLASTED' PRODUCED AND MANUFACTURED BY GLASS PROFILE SOLUTIONS - PLEASE REFER TO ATTACHED SAMPLE FOR FURTHER INFORMATION.

PLEASE NOTE: SPECIFIC AREAS OF RAIN SCREEN CLADDING EXTEND BEYOND WINDOW FRAMES TO INCREASE OCCUPANTS PRIVACY WHILST EQUALLY REMAINING TRANSLUCENT - PLEASE REFER TO ATTACHED DETAILED DRAWINGS.

MATERIAL 2 - WINDOW & DOOR FRAMES:

WINDOW AND DOOR FRAMES TO BE MANUFACTURED OUT OF STAINLESS STEEL AND WITH A POLISHED FINISH TO MEET PLANNING CONDITIONS.

MATERIAL 3 - WINDOW, DOOR & ROOFLIGHT GLAZING:

WINDOWS TO BE MADE FROM IQ GLASS' 'MONDRIAN' RANGE. WINDOWS TO BE DOUBLE-GLAZED AND WITH THERMAL BREAKS.

DOORS TO BE MADE FROM IQ GLASS' 'MONDRIAN' RANGE. DOORS TO BE DOUBLE-GLAZED AND WITH THERMAL BREAKS.

ROOF LIGHTS (SEE ROOF PLAN BELOW) TO BE SUPPLIED BY IQ GLASS. ROOF LIGHTS TO BE DOUBLE-GLAZED AND WITH THERMAL BREAKS.

MATERIAL 4 - BALUSTRADE GLAZING:

BALUSTRADE TO BE 1100MM HIGH IN ORDER TO COMPLY WITH PART K AND MANUFACTURED USING 'CLEAR FLOAT' GLASS BY GUARDIAN GLASS - PLEASE REFER TO ATTACHED SAMPLE FOR FURTHER INFORMATION.

MATERIAL 5 - CANOPIES:

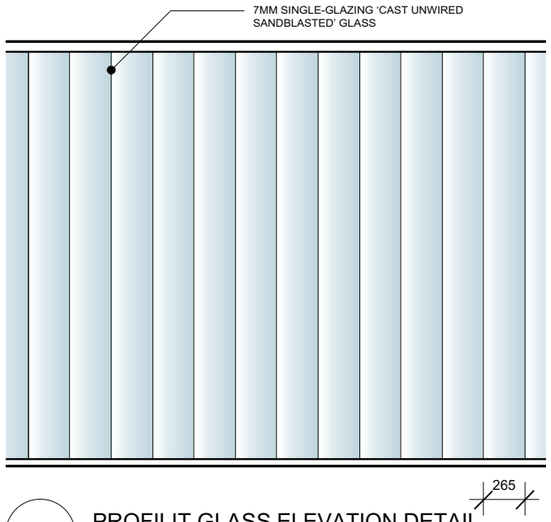
CANOPIES TO BE FINISHED WITH A POLISHED STAINLESS STEEL FINISH TO MATCH WINDOW AND DOOR FRAMES - PLEASE REFER TO ATTACHED SAMPLE FOR FURTHER INFORMATION.

MATERIAL 6 - ROOF MEMBRANE:

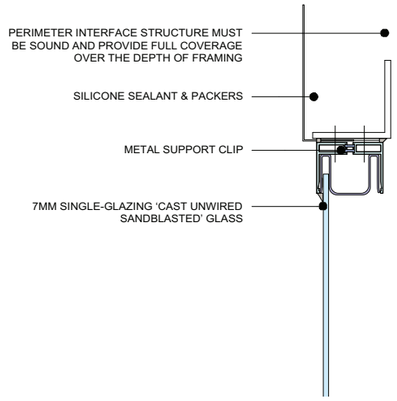
SARNAFIL SINGLE PLY ROOF MEMBRANE TO BE APPLIED IN LEAD GREY - PLEASE REFER TO ATTACHED SAMPLE FOR FURTHER INFORMATION.

2 PROPOSED ROOF PLAN

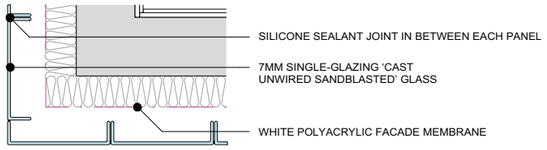
MATERIAL 1: TRANSLUCENT GLASS U-PROFILE



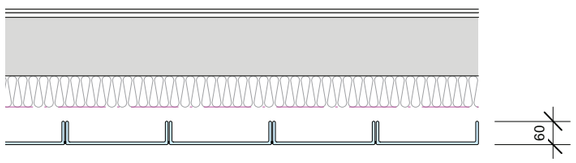
1 PROFILIT GLASS ELEVATION DETAIL
Scale: 1:50



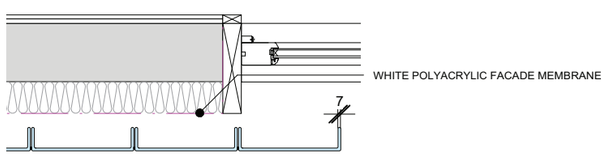
5 SINGLE-GLAZED HEAD DETAIL
Scale: 1:10



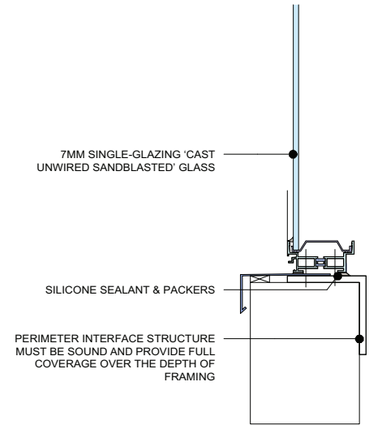
2 TYPICAL SINGLE-GLAZED CORNER
Scale: 1:20



3 TYPICAL SINGLE-GLAZED FACADE
Scale: 1:20



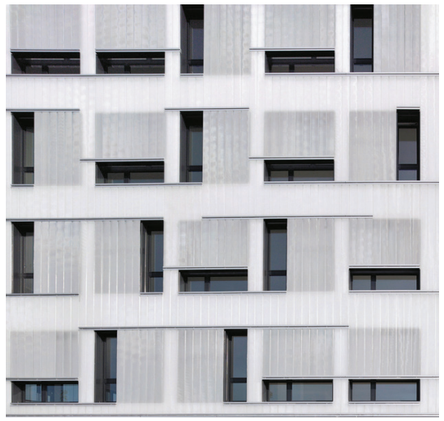
4 TYPICAL SINGLE-GLAZED FACADE (BEYOND WINDOW)
Scale: 1:20



6 SINGLE-GLAZED CILL DETAIL
Scale: 1:10

As proposed in the approved application, the facade intends to be clad in a translucent glass profile rain screen cladding. We consider Pilkington's Profilit U-Profile glass in '*Clear Unwired Sandblasted*' to best meet this condition - please refer to attached sample.

These panels would be single-glazed, opaque and would offer a unique and contemporary aesthetic whilst also bringing in substantial natural light. The opaqueness of the glass would contribute in creating a sense of privacy for the occupants. The system has been arranged, in accordance with the approved application, to go beyond certain windows to complement this privacy effect whilst also still allowing light in.



Mixed-use Hall, Munich
Bogevischs Buero Architects

'*Clear Unwired Sandblasted*' U-Profile & Untitled project, *Glass Profiled Solutions*

MATERIAL 2: WINDOWS AND DOOR FRAMES

The approved application stated stainless steel window and door frames with a polished finish would be provided to complement the extensions reflectivity aesthetics. IQ Glass has been identified as a suitable supplier who can provide such a finish with their 'Mondrian' range of windows and doors. The frames are stainless steel and can be finished in a variety of finishes, in this instance, with a polished finish.

Please refer to below photos and attached sample for further information regarding proposed finish.

Architectural Steel Doors

Technical Data Sheet

High Insulating Steel Doors

The EBE 65 (double glazed) and EBE 85 (triple glazed) Steel door system from IQ Metal can create impressive large openings of steel with slim metal frames.

Glass

Typical DGU Glass Specification 4mm toughened outer/16mm cavity with argon gas filling / 4mm toughened inner with low e coating.

Typical TGU Glass Specification 4mm toughened outer/12 mm cavity with argon gas filling / 4mm toughened middle / 12 mm argon filled gas cavity/ 4mm toughened inner with low e coating

Available on request low iron glass, anti-reflective glass, coloured glass, laminated glass and other specialist glazing options

Glass thickness DGU up to 48mm thick / TGU up to 68mm thick

Maximum Glass Weight 150-250kg (depending on hinge choices)

Performance

Air Permeability Class 3 in accordance to EN 12207

Water Resistance Class 9A in accordance to EN 12208 / Class 2A with no threshold

Resistance to Wind Class C4/5 in accordance to EN 12210

Thermal Performance Uw 1.12—1.57 W/m^{2}k

Acoustic Performance Rw 42 (-1;-3) dB*

Frame

Frame Material galvanised steel / stainless steel / Corten^{TM} steel / architectural bronze

Frame Depth 65mm / 85mm

Side and Vent Frame 109mm (butt and weld on hinges / 134mm (three-wing or concealed hinges)

Central Profile (double opening doors) 156mm

Base Profile 69mm / 94mm

Maximum Sizes one leaf 1250mm wide x 2600mm high, two leaf 2500mm wide x 4000mm high

Larger opening doors are available on request

Opening Configurations side hung, double opening, bottom hung, opening doors with arched heads, opening doors with fixed overlight, under or side lights

Glazing Beads square / thin

Security

Burglar Resistance WK3

Locking integrated 3 point locking with euro cylinder key locks

Handles cut round handle / sphere round handle / cut square handle available in a range of materials to match your frame material choice

Hinges butt hinges / concealed hinges / weld on hinges

iQGLASS

www.iqglassuk.com

Sample of stainless steel windows from IQ Glass' 'Mondrian' range.

Polished sample demonstrating the reflectivity properties

Stainless Steel

Frame Material sections processed out of the cold-rolled coils, industrially pre-treated for utmost quality and uniformity

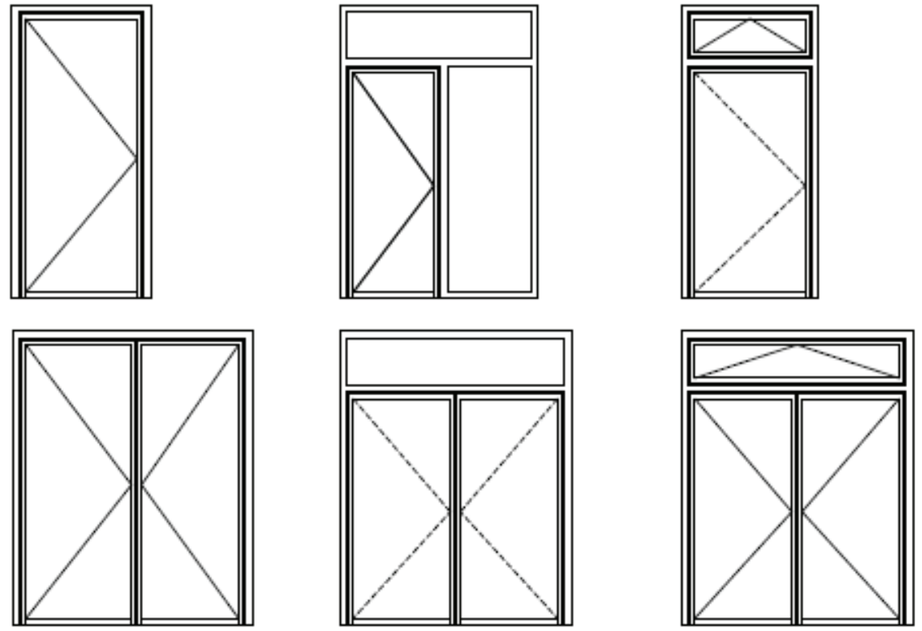
Physical Features AISI 316L Marine Grade

Testing References EN 10088-2; EU 114

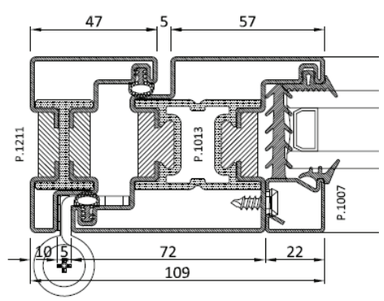
Finish available with a Scotch-Brite post scrubbing finish

Architectural Steel Doors

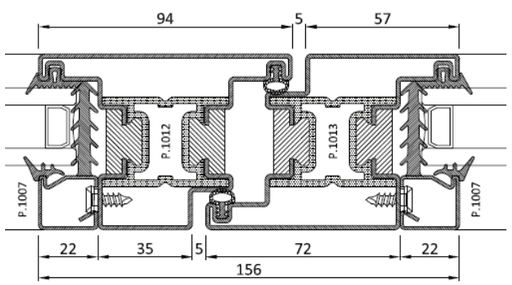
Door Configurations



Fixed and Vent Frame



Double Opening Doors Central Frame

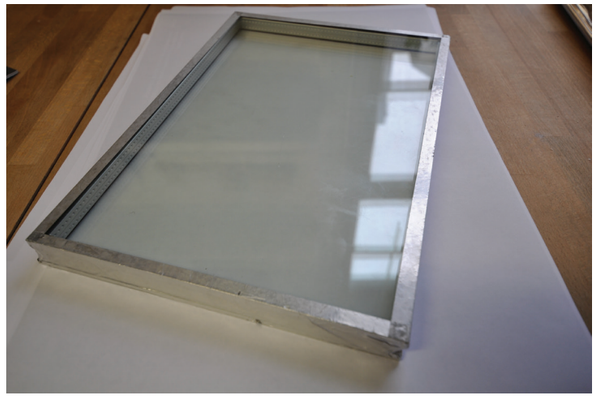


MATERIAL 3 : WINDOW, DOOR & ROOF LIGHT GLAZING

All windows to made and supplied by IQ Glass and will be double-glazed and with thermal breaks to improve thermal performance.

All doors to be made and supplied by IQ Glass and will be double-glazed and with thermal breaks to improve thermal performance.

Roof lights to be made and supplied by IQ Glass from their 'Flat Frameless Roof Lights' range



Photos of proposed glazing from IQ Glass

MATERIAL 4 : BALUSTRADE GLAZING

Balcony balustrade glazing to be manufactured using 'UltraClear' Glass' as supplied by Guardian Glass. 'UltraClear' will offer a clear and transparent guarding for the occupants whilst also minimising the impact the extension will have.

Please refer to attached sample for further information.

Photo of proposed 'UltraClear' glass as supplied by Guardian Glass

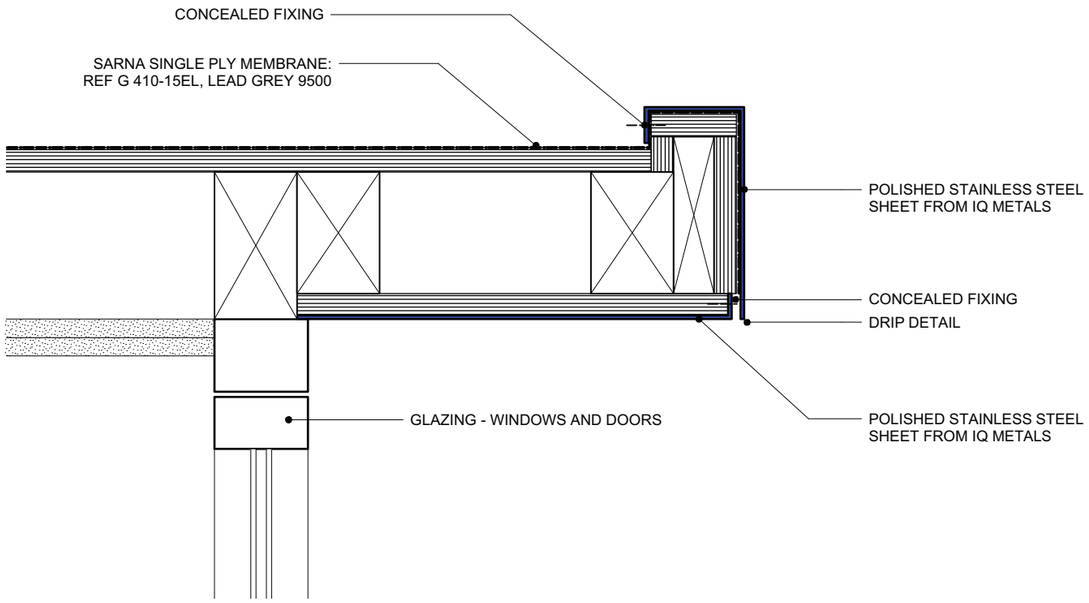
MATERIAL 5 : CANOPIES

In accordance with the approved application, a series of metal canopies would be provided over the balcony windows and doors.

The canopy finishes will match that of the respective window and door polished finishes to maintain a sense of continuity and reflectivity.

IQ Metals will provide the polished finish in a sheet form.

Please refer to the detail drawing, *below*, and the attached stainless steel sample for further information.



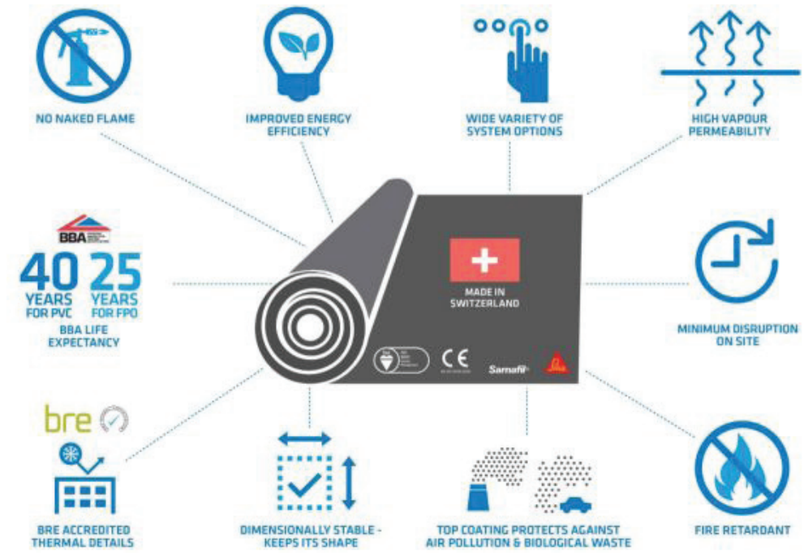
1 CANOPY DETAIL
Scale: 1:5

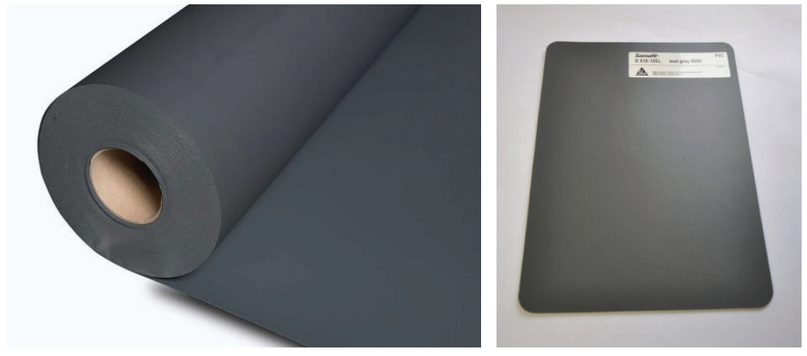
Metal canopy precedent
(Yoshio Taniguchi)

MATERIAL 6 : ROOF MEMBRANE

In regards to protecting the proposed roofs construction, a Sarnafil single ply roof membrane has been proposed (in Lead Grey). Membrane would be adhered to secure fabric envelope and improve weather tightness.

Please refer to attached sample for further information.





Proposed Sarnafil membrane