Front view, section and plan 1:20

Kinetic Thin Glass Facade panel
filling gaps of previous facade

existing BIPV-glass panel

2087

1080 1080 1080
Horizontal Detail Centre 1:2

- Unitised system
- Main structural frame
- Folded aluminium profile bolted onto structural frame
- EPDM gasket with inserted electroperanent magnet
- Curved extruded profile with rainscreen welded to folded profile
- Thin glass laminated with acoustic interlayer 0.55-0.38-0.55 mm

Horizontal Detail Bottom 1:2

- Aluminium clip-on rainscreen cap
- Stainless steel rail screwed on structural frame
- Bearing facilitating rotation of shaft
- Stainless steel cylindrical shaft placed into bearing, supporting glazing
EPDM gasket with inserted electroperanent magnet
additional transom supporting horizontal magnetic gasket
aluminium plate for water-airtight layer, sealed with silicone at edges
stainless steel rail screwed on structural frame
thin glass laminated with acoustic interlayer 0.55-0.38-0.55 mm
stainless steel cylindrical shaft placed into bearing, supporting glazing
aluminium clip-on rainscreen cap
Vertical Detail Bottom, open position 1:2

EPDM gasket with inserted electroperanent magnet
additional transom
supporting horizontal magnetic gasket
thin glass laminated with acoustic interlayer 0.55-0.38-0.55 mm
stainless steel cylindrical shaft placed into bearing, supporting glazing
bearing sliding with rail cart with rotating shaft
aluminium plate for water-airtight layer, sealed with silicone at edges
aluminium clip-on rainscreen cap
Vertical Detail Top 1:2

- Aluminium clip-on rainscreen cap
- Stainless steel cylindrical shaft placed into bearing, supporting glazing
- Bearing sliding with rail cart with rotating shaft
- Aluminium plate for watertight layer, sealed with silicone at edges
- Thin glass laminated with acoustic interlayer 0.55-0.38-0.55 mm
- Additional transom supporting horizontal magnetic gasket
- EPDM gasket with inserted electropermanant magnet