

SCANPRO

SPESIALDESIGNEDE GLASSFASADER

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Prosjekt: Fishbourne Quay
Arkitekt: The Manser Practice
Bilde: Hufton & Crow

Naturen rett inn

Hvis du vil ha naturen rett inn i stua, eller du har et selskapslokale som skal se litt ekstra lekkert ut er glassfasade løsningen. Det finnes utrolig mange muligheter, og vi har erfarne fagfolk som hjelper deg å velge og designe din spesialløsning.

Egen tegnestue hos Scan-Pro

I vår tegnestue kan du få tegnet opp et forslag sammen med en av våre konsulenter, uten forpliktelser til kjøp. Du kan få fasadene uisolert, eller med markedets beste isolerte 3-lags glass. Husk at glassvegger også kan være ypperlig til innvendig bruk. Spør oss! Vi hjelper deg gjerne.





Residential (System 22)

Using full height bi-parting sliding panels, with recessed bottom rails and glass to glass corners, the design allows panoramic views of the Solent and mainland. The adjoining block is clad in timber with timber panels sliding across System 22 doors which retract into wall voids.

Project: Thompson House, Isle of Wight
Architect: The Manser Practice





Residential (System 22)

A modern brick construction incorporates the full flexibility of the System 22 sliding doors. Offering, fixed, sliding units, opening corner detailing and sliding panels used as windows. The pressed panels all finished with an anodised coating merge seamlessly with System 22 panels.

Architect: James Gorst
Photography: Alex Franklin





Residential (System 22)

— ● —

This new build home uses all the flexibility that System 22 sliding panels can offer. Displaying opening corner detailing, level thresholds, three track sliding panels complemented by smaller sliding panels being used as window openings. Additional fixed and roof glazing highlight the complete range of System 22.

Project: Frognal
Architect: Alma-nac Collaborative Architecture
Photographer: Richard Brine





Residential (System 22)

_____ ● _____

A single storey extension in Guernsey, incorporates Systems 22's bi-parting design. The bi-parting panels slide across fixed panels and have been designed with facettted angles to complement the design of this extension. With a level threshold and hidden head track detailing giving an overall unique sense of space bringing the outside in.



Project: Lee Crest
Architect: Mooarc
Photographer: Richard Brine





Residential (System 22)

— • —

This extension in West London shows the discrete benefits of minimal profiles offered in System 48 folding sliding doors.

With opening bi-parting doors and panels sliding to each side highlighting the full versatility of System 48. With frame profiles of just 22mm open and 48mm when closed, along with effortless movement, System 48 offers the perfect solution of open space.

Project: Octavia Road
Photography: Richard Brine





Commercial

Incorporating sliding units 3.2m in height and bi-parting units spanning 7m, our System 22 profiles offer uninterrupted sea views of the Channel and Harbour for the restaurants diners. Utilising pivot doors for side access, fixed and sliding doors in wall voids on the first floor, Fineline can offer solutions for all aspects of the Commercial Sector.

Project: Rock Salt Restaurant, Folkestone
Architects: Guy Holloway, Hythe, Kent
Photography: Mark Whitfield





Commercial

— ● —

This newly commissioned sports complex for Kent has by its design incorporated System 22 sliding doors, curtain walling and glass balustrades. With spectacular views from all aspects of the building Finelines unique 22mm profiles allow visitors uninterrupted views from both inside and out.

Project: Cheriton Road Sports Ground,
Folkestone, Kent
Architect: Guy Holloway Architects

SYSTEM 22.NBS SPECS - SLIDING DOORS

General:

All sections to be extruded from aluminium alloy specification 6060/6063 T6 complying with BS EN 755 -9:2001.

Aluminium profiles to be manufactured to BS EN 1509001/9002.

The fabricated product to confirm with BS 4873.

The glass/fining sections to withstand the design wind loading calculated in accordance with BS 63099 pt2: 1995.

System:

Thermally broken outer frame sections mounted on a formed 4mm thick aluminium cill with welded stopped ends.

Thermally broken glazing sections bonded to structurally calculated insulating glass units.

Maximum panel width 3500

Maximum panel height 3500

Maximum panel weight 400kgs

Standard glazing details:

Hermetically sealed double glazed units to BS6262, BS EN 12600, BS5713 with black space bars and a P.I.B primary seal and silicone backing seal 32/34mm thick with a 16mm argon filled cavity.

Incorporating:

An outer pane of 10,12 or 15mm toughened float glass an inner pane of 6 or 8mm toughened soft coat low glass.

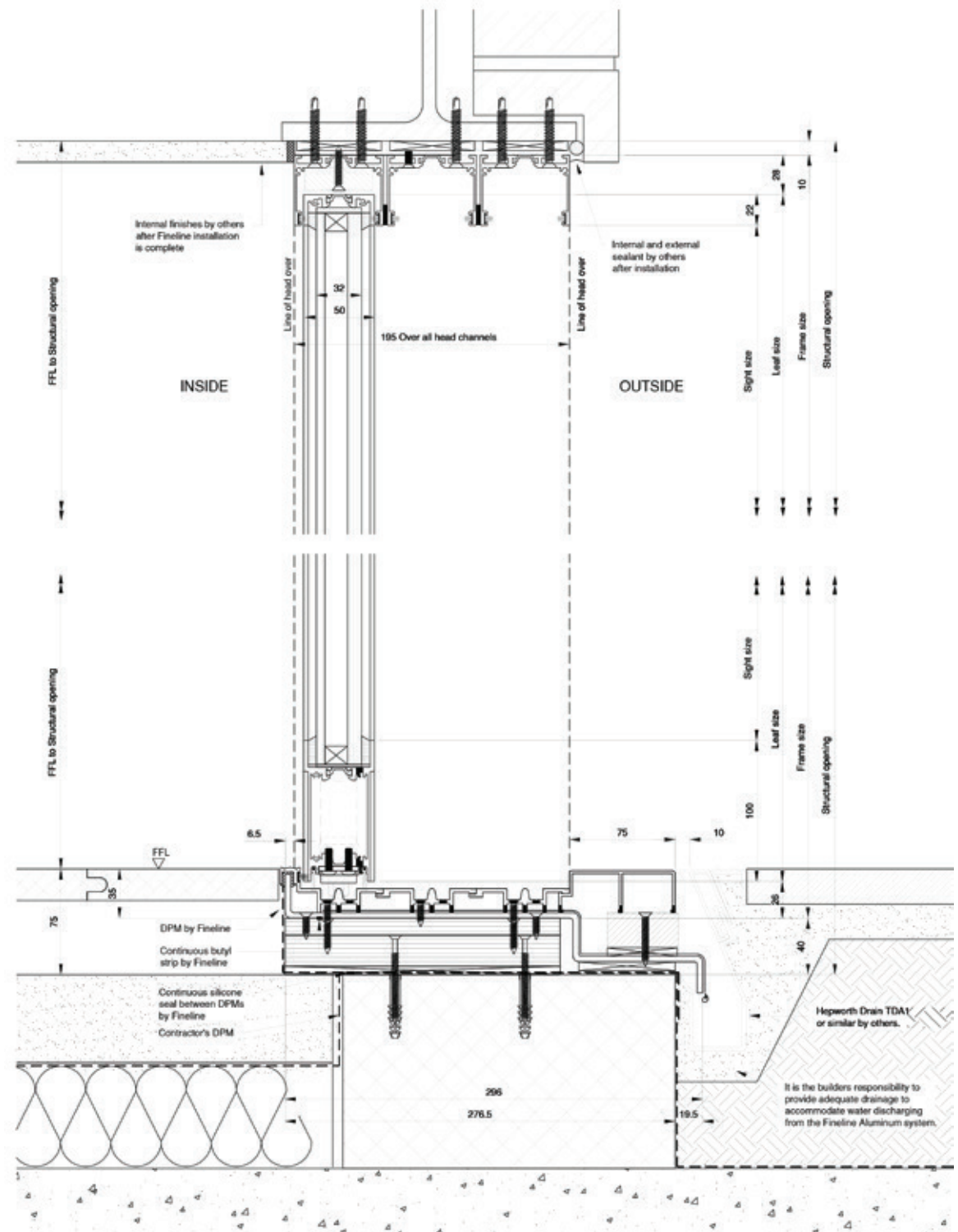
Glass to be toughened to BSEW 12150.

Ironmongery and Fittings:

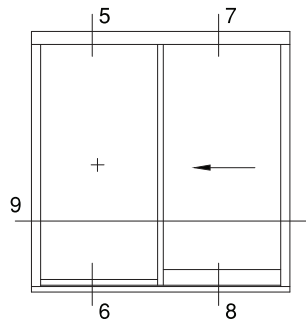
75mm stainless steel rollers with needle bearings mounted in an enclosed carrier case.

300mm long stainless steel 'D' handles on purpose made steel brackets.

Fully rust proofed dead lock operated by Euro cylinder.



System22: Section Details



5a. 2 Track head detail.

6a. 2 Track snub cill detail.

6b. 2 Track drip cill detail.

6c. 2 Track flush decking cill detail.

6d. 2 Track flush trench drain cill detail.

7a. 2 Track head sliding leaf.

8a. 2 Track snub cill detail.

8b. 2 Track drip cill detail.

8c. 2 Track flush decking cill detail.

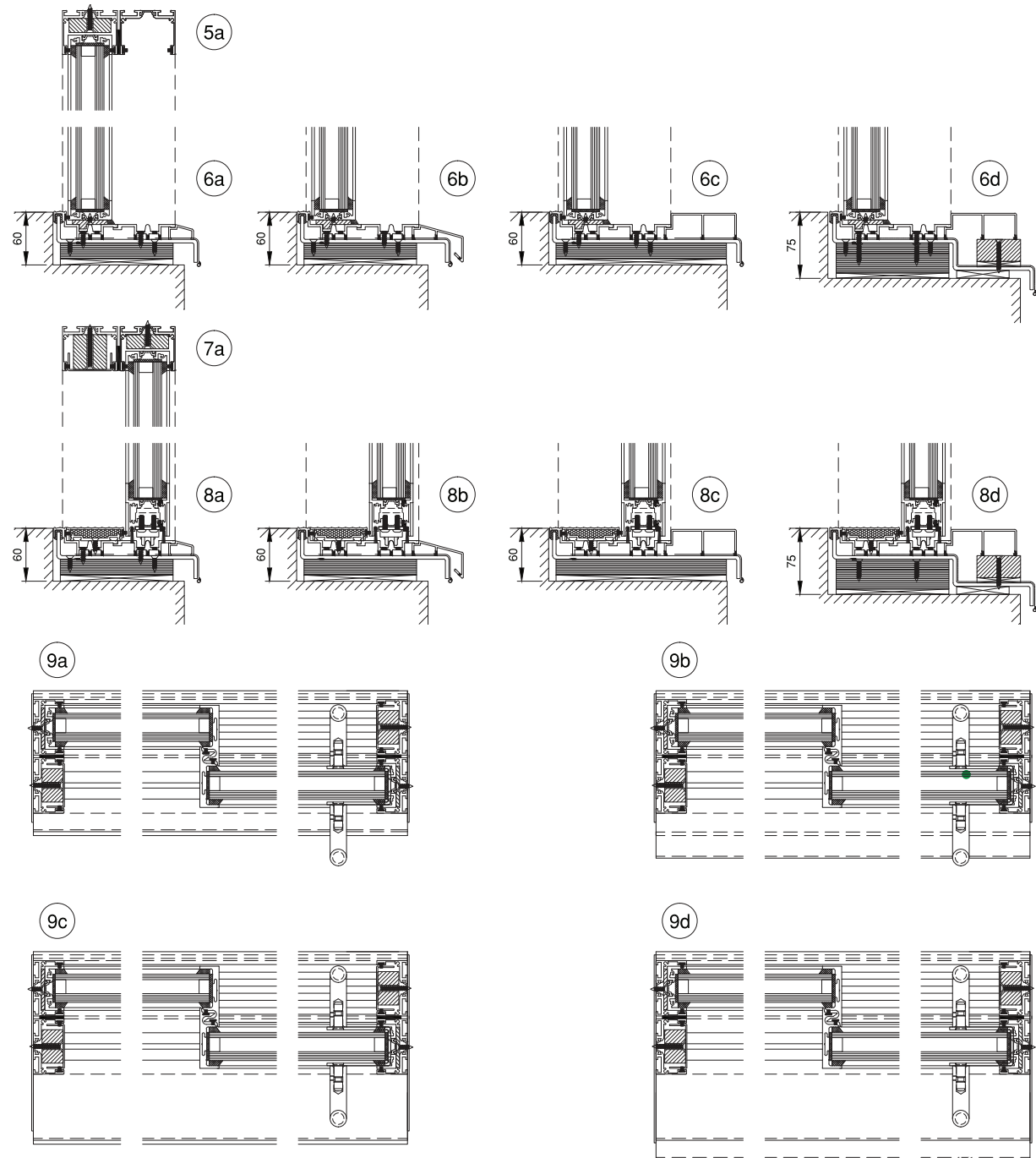
8d. 2 Track flush trench drain cill detail.

9a.. 2 Track plan with snub cill.

9b. 2 Track plan with drip cill.

9c. 2 Track plan with Flush decking cill.

9d. 2 Track plan with flush trench drain cill.



SYSTEM 22.NBSSPECS - PIVOT DOORS

General:

All sections to be extruded from aluminium alloy specification 6060/6063 T6 complying with BS EN 755 -9:2001.

Aluminum profiles to be manufactured to BS EN 1509001/9002.

The fabricated product to confirm with BS 4873.

The glass/framing sections to withstand the design wind loading calculated in accordance with BS 63099 pt2: 1995.

System:

Thermally broken outer frame sections.

Thermally broken glazing sections bonded to structurally calculated insulating glass units:

Maximum panel width 1200

Maximum panel height 3000

Maximum panel weight 135kgs

Standard glazing details:

Hermetically sealed double glazed units to BS6262, BS EN 12600, BS5713 with black space bars and a P.I.B primary seal and silicone backing seal 32/34mm thick with a 16mm argon filled cavity.

Incorporating:

An outer pane of 8 or 10mm toughened float glass an inner pane of 8 or 10mm toughened soft coat low glass.

Glass to be toughened to BSEW 12150.

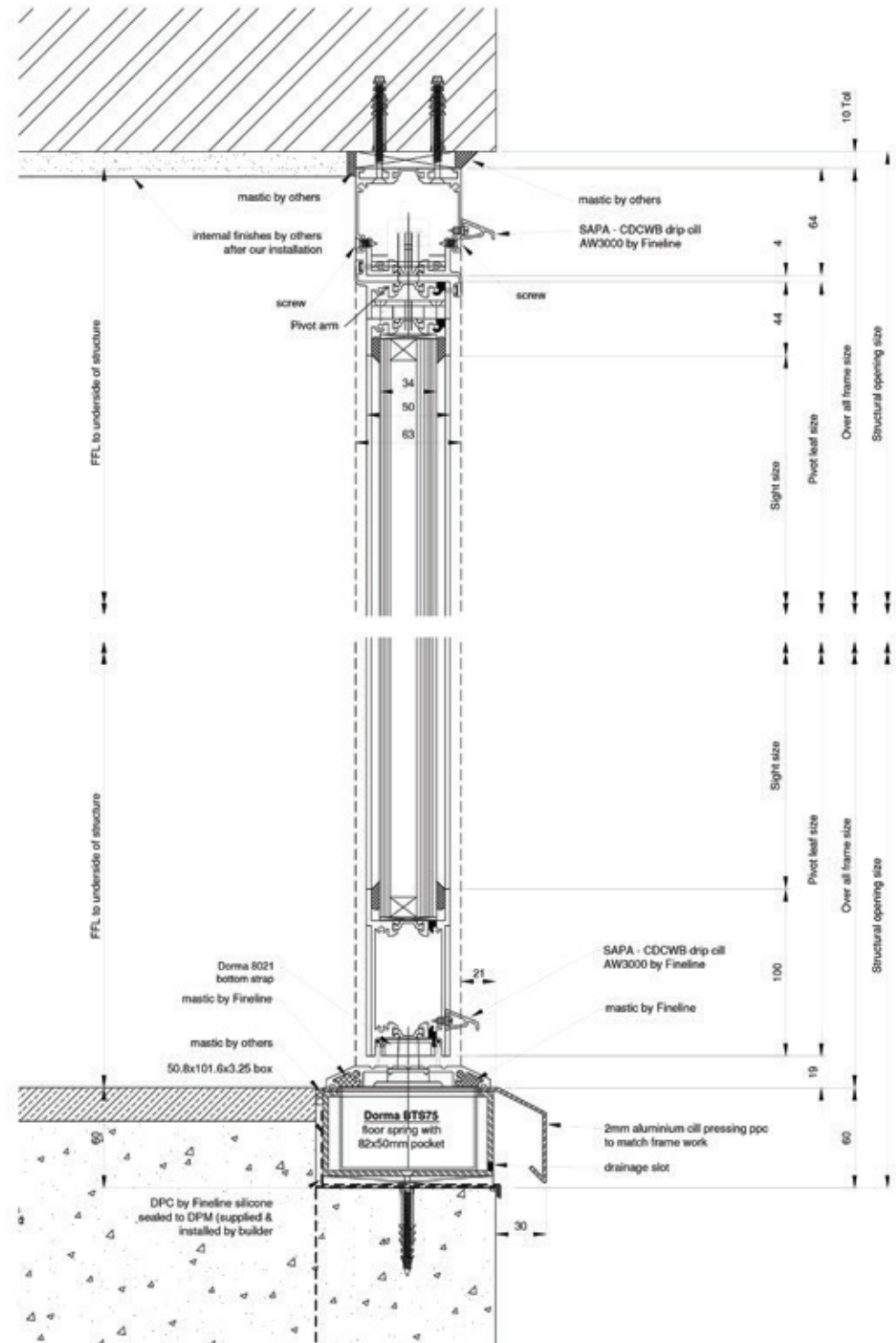
Ironmongery and Fittings:

Doors are hung on Dorma BTS75 or BTS80 Floor springs incorporating a Dorma adjustable pivot at the head.

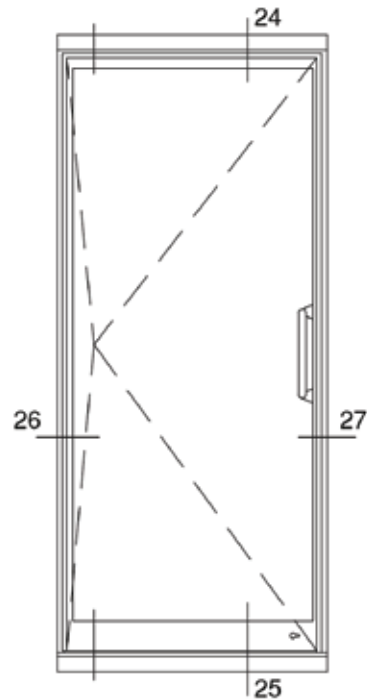
Stainless Steel 19mm diameter 'D' handles 300mm long mounted on purpose made stainless steel brackets.

EMS-1200N (shear lock) & the T4484ST 24v DC 2 amp commercial psu

Fully rust proofed deadlock operated by Euro cylinder.



System22: PivotDoor Section Details

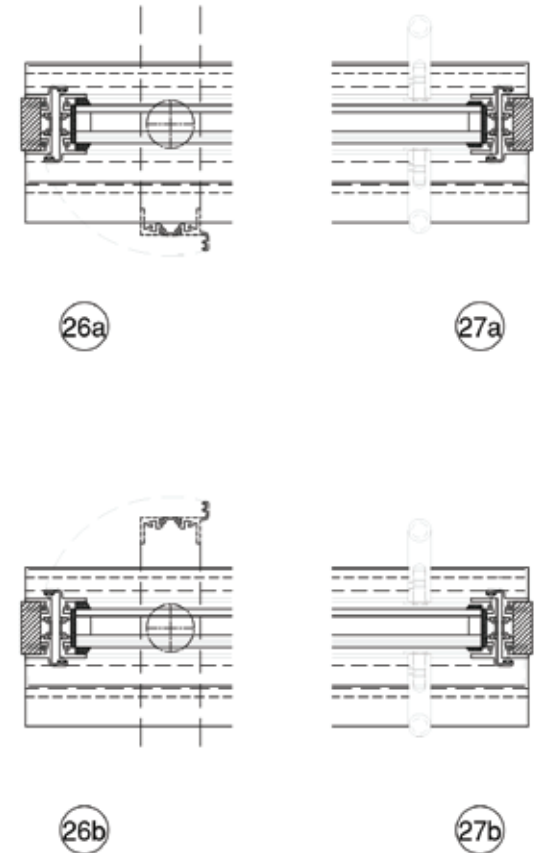
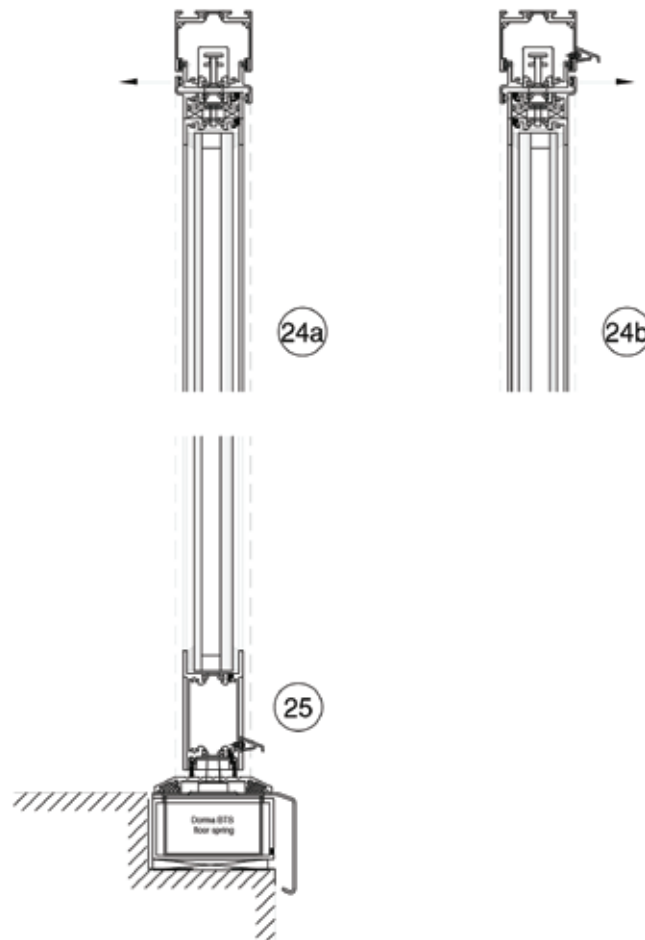


24a. Pivot door open in head detail.
24b. Pivot door open out head detail.

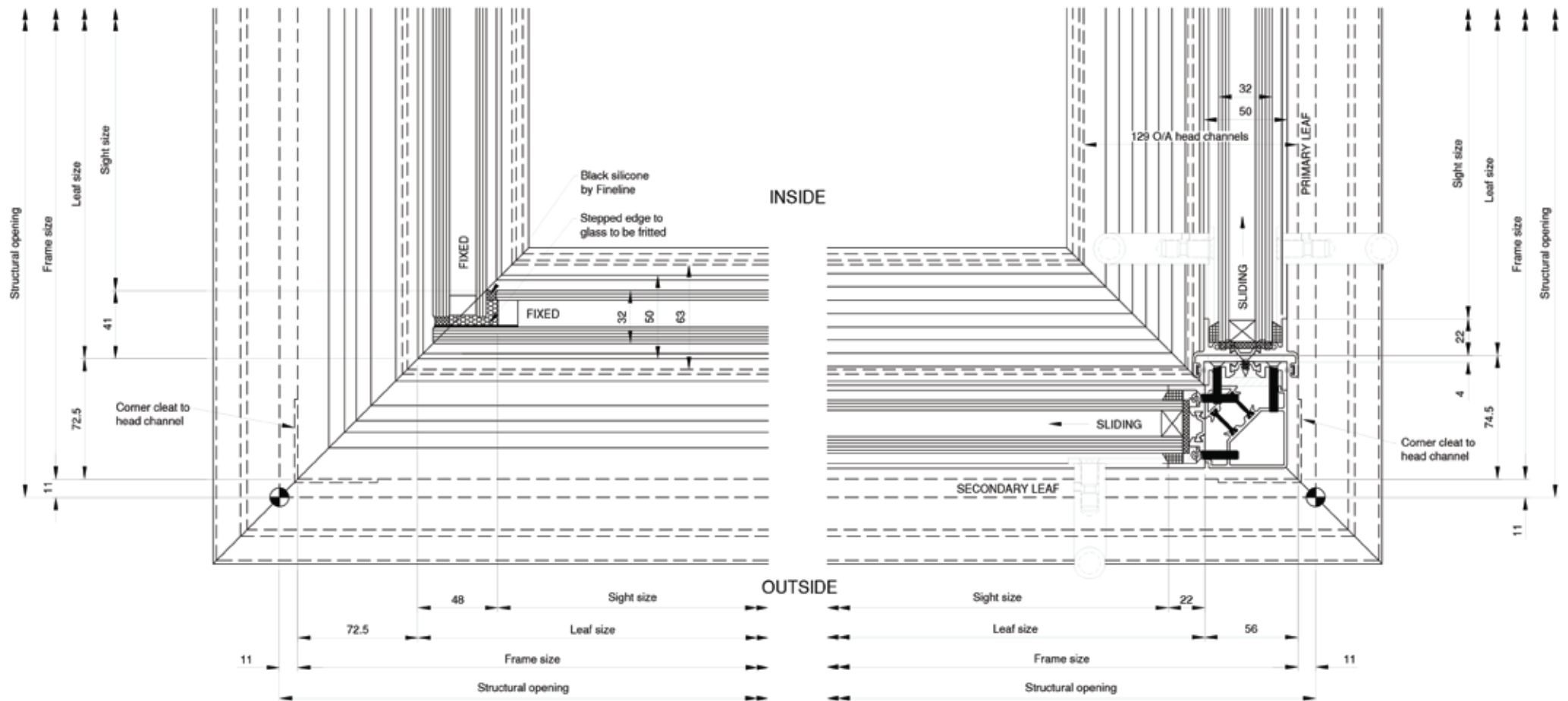
25. Pivot door open in and out threshold detail.

26a. Pivot door open in jamb pivot side.
26b. Pivot door open out jamb pivot side.

27a. Pivot door open in jamb handle side.
27b. Pivot door open out jamb handle side.



System22: Opening Corner and Glass to Glass Corner Details



SKYLINE

The profiles in this range have been designed solely for roof glazing, offering 3–35 degrees of roof pitch and providing a fully thermally broken structure when complete. The British Board of Agreement tested the roof system and have indicated that the roof will have a life expectancy of at least 25 years.

Framework consists of a high tensile aluminium (Alloy 6063 T6 to BS 1474:1987) box section 40mm wide by 68mm, 81mm or 97mm in depth, giving the options of profiles to suit larger spans. The thermal break comes in the form of a PVCu extension adaptor connected to the main rafter box section, which is designed to receive an aluminium exterior cover cap.

Aluminium exterior cover caps can be powder coated to any RAL colour, providing a durable and attractive roof finish and it is possible to have the inner framework finished in a different RAL colour to that which is outside. All Skyline roofs are produced in-line with BS EN ISO 9001: 2000 quality control conditions and are BBA tested to market leading standards. All aluminium is finished in a polyester powder coating to BS 6496.

The main rafters span from ring beam sections to ridge or valley sections using load bearing brackets tested to 20KN. All roofs are pre-assembled in the factory before delivery to ensure quality, fit and all joints are sealed on final installation. Glazing is secured by a snap on exterior cover cap and pressure plate, providing a continuous pressure seal against the glazing (uplift tested to 1320 pascals).

Skyline roofs have been engineered to comply with severe weather ratings. (Wind loads 1.32 kN/m² and snow loads 1.0 kN/m²). BBA test results indicate that the U value for Skyline's thermally broken rafter is 1.5W/m²K and the structure when finished using standard planitherm double glazed units will have a U value of approximately 1.3 W/m²K and for Triple Glazed units offer a U value of approximately 0.70 W/m²K. Secondary drainage channels have been designed into the PVCu thermal break which allows drainage channels to run over the bottom ringbeam, providing a unique, but effective way of draining the roof system. (Water BBA test pressure 300 pascals).

All double glazing is Kite marked toughened safety glass to BS 6206:1981 with a class 0 fire rating. Double glazed or triple glazed units rest on an extruded EPDM gasket and are held into position by a pressure plate and aluminium exterior cover cap. Units are installed in accordance with BS 6262:1982, BS 8000, Part 7: 1990 and to the quality standards set out in the GGF glazing guidelines.



SYSTEM 48 -
FOLDING SLIDING DOORS

Utilising the strength of the glass itself bonded to extruded 22mm alloy sections and using the finest stainless steel rolling hinges available we have been able to create a new folding sliding door system that provides the finest architectural lines ever seen.

At last we have a folding system that directly compliments our fixed, sliding and pivot models - System 22, to great effect. The quality, finish and fixings used so successfully on our sliding range have again been used on System 48 ensuring continuing high standards and compatibility.

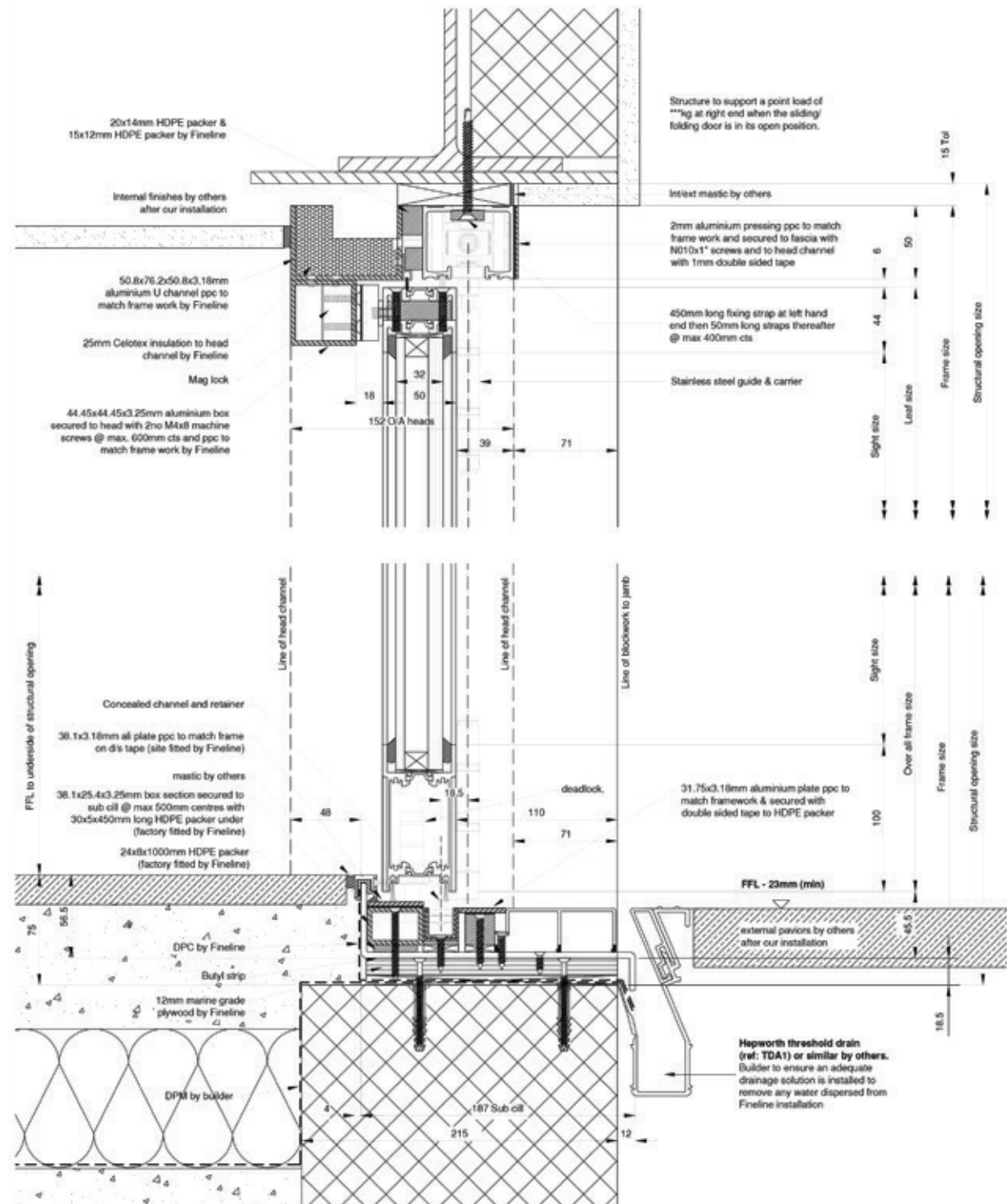
Practical, beautiful fine lines and the largest glass panels used anywhere, with double glazed units up to 2600mm high and 1000mm wide, the final result either open or closed is one of true refinement, redefining the folding door system. Effortless movement of these huge panels is achieved by clever innovation and by uncompromising quality custom made components integrated at the design stage and followed through manufacture to installation, ensuring many years of effortless daily use.

Performance is comparable to our System 22 units giving typically good 'U' values and full height integrated weather seals ensure a highly thermally efficient window system; (see tech spec).

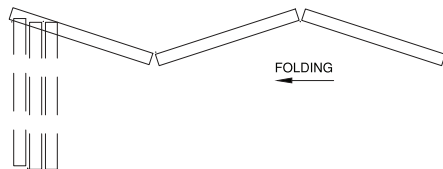
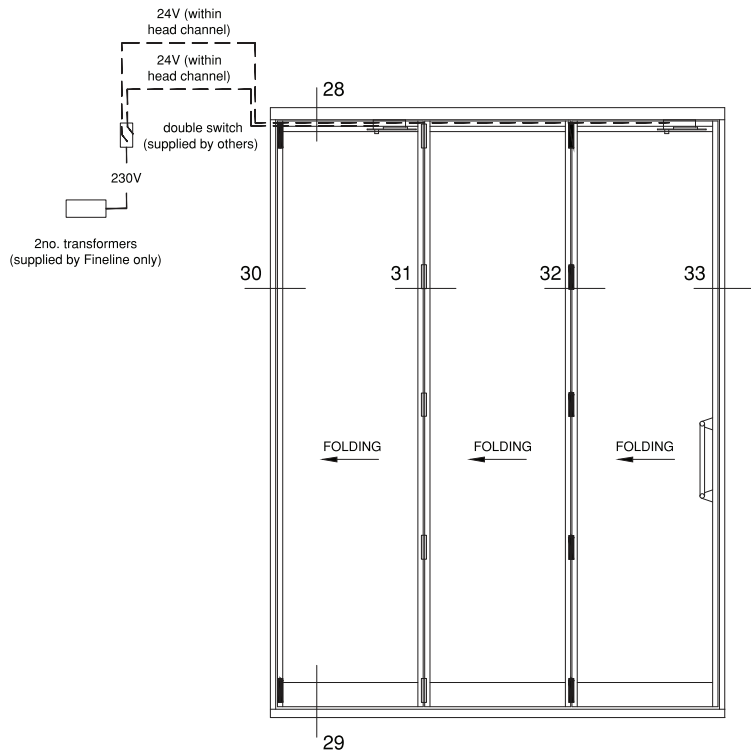
The basic structure of System 48 folding doors rely on our proven 22mm 6063T6 thermally broken alloy section, two are required, hinged to create a folding unit, each factory bonded to sealed double glazed panels resulting in one high strength unit.

Each alloy section is thermally broken to make them thermally efficient and one of each pair contains a built in full height weather strip for full weather protection when closed. Alloy frames can be finished in Polyester Powder Coating to BS EN 12206-1:2004.

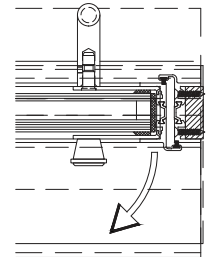
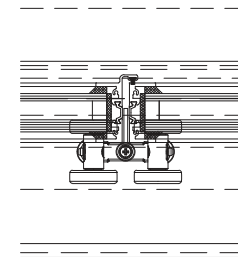
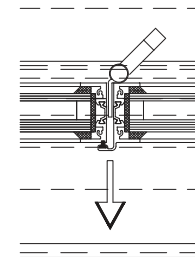
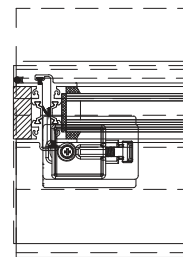
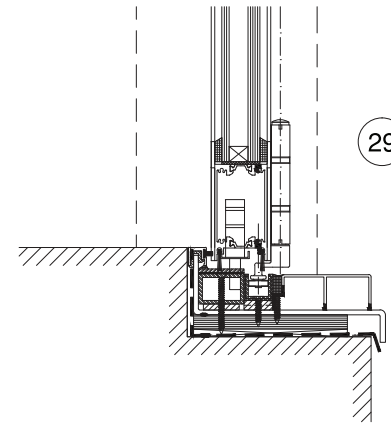
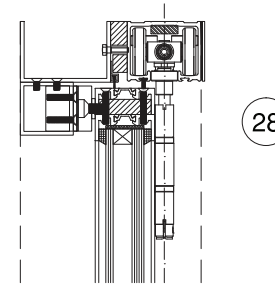
Sealed glass units are double glazed typically 6mm inner low-E glass panel with up to 12mm toughened outer panel and a 16mm Argon filled cavity.



System48: 3 Door Details



- 28. Sliding folding head detail.
- 29. Sliding folding threshold detail.
- 30. Sliding folding jamb stacking side.
- 31. Sliding folding intermediate detail with handle hinges.
- 32. Sliding folding intermediate detail showing rollers.
- 33. Sliding folding jamb detail handle side.







SCANPRO

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Åpningstider:

Mandag - fredag
10.00-17.00
Lørdag
10.00-15.00

Project: Orchard Hill
Architect: Mooarc
Photography: Richard Brine

SCANPRO

Vi designer og tegner
sammen med deg

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