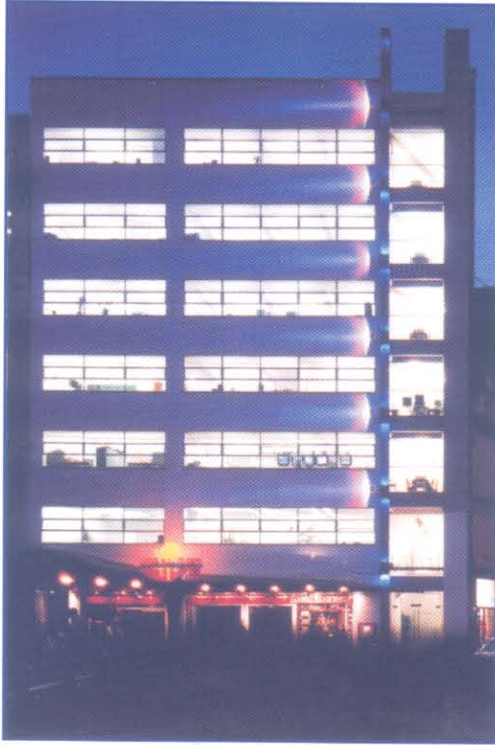


MONK

C1/SfB	31.4	Xh2
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APRIL 2000

Purpose Made Steel Windows and Doors



*Capital Radio - London
Architect - Morey Smith Associates
Builder - Overbury Projects Ltd.*



*Mornington Court - London
London Borough of Camden*

Monk Metal Windows are a well established manufacturer of purpose made W20 and W40 steel windows with over 50 years experience in the design, fabrication and installation of fenestrations for the construction industry.

The Company is registered with BSI as a firm of assessed capability in accordance with the requirements of BS EN ISO 9002.

Monk are also on the Home Office list of approved suppliers for purpose made security windows to prisons and young offenders institutes.

Monk offer a complete window package of design, installation and glazing together with the additional service of removing existing windows before replacement.

Monk offers the flexibility and response of a small specialist firm able to provide single source responsibility using computer aided design and costing.

Heritage

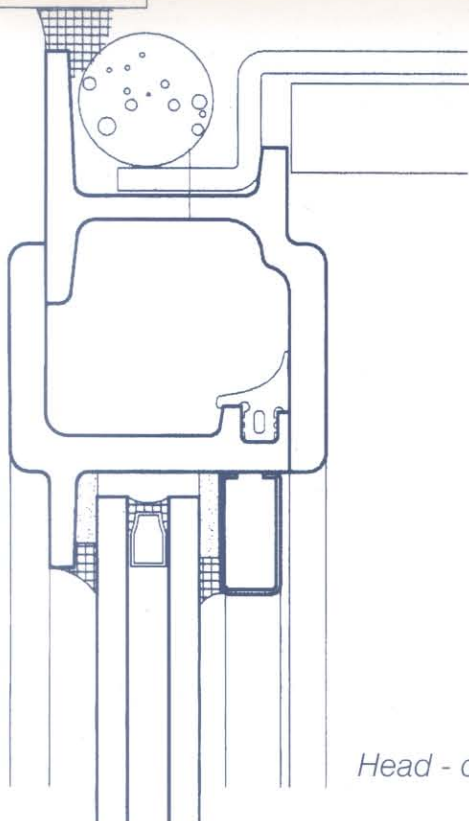
NEWAGE

MONK

Heritage

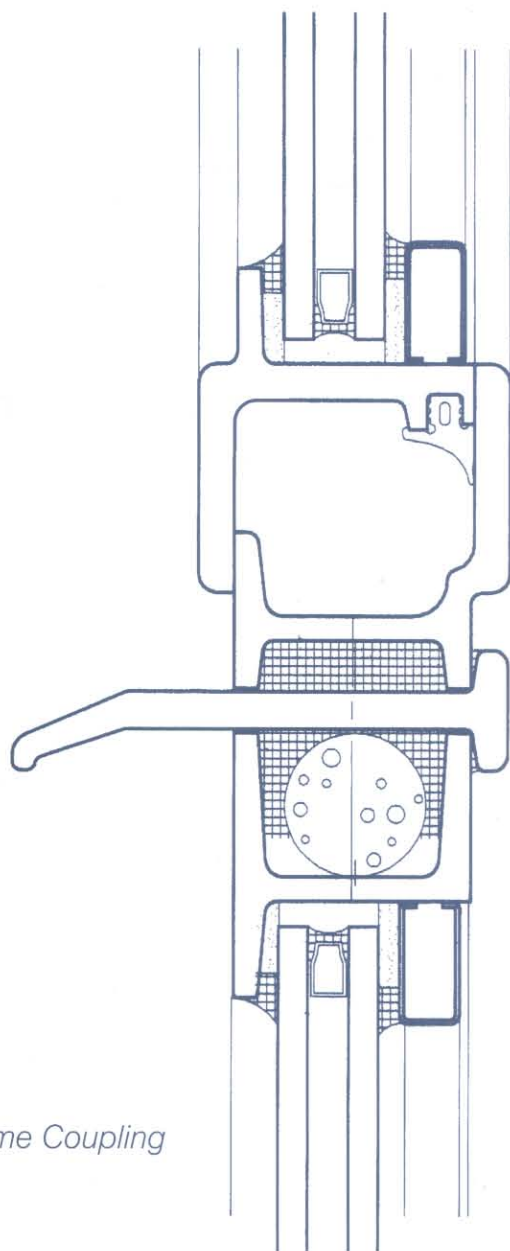
W20 RANGE

Traditional
Purpose Made
Steel Windows

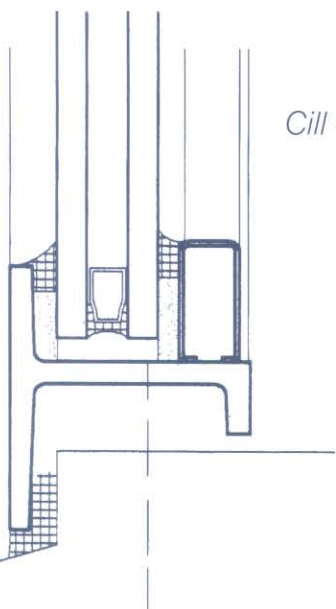


Head - opening light

- Hot dipped galvanised to BS EN ISO 1461
- Polyester powder coated to BS 6497
- Weather stripped
- Single or double glazed up to 14mm thick
- Optional thro the frame trickle ventilation

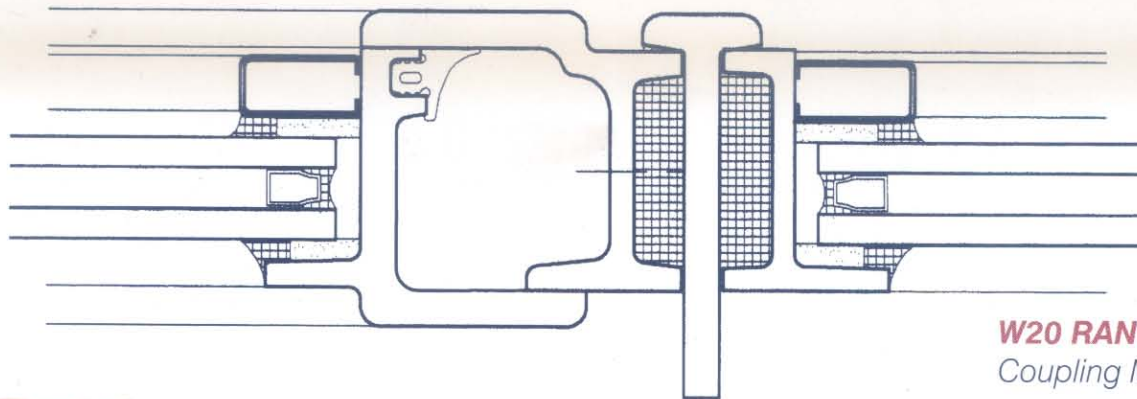


Transome Coupling



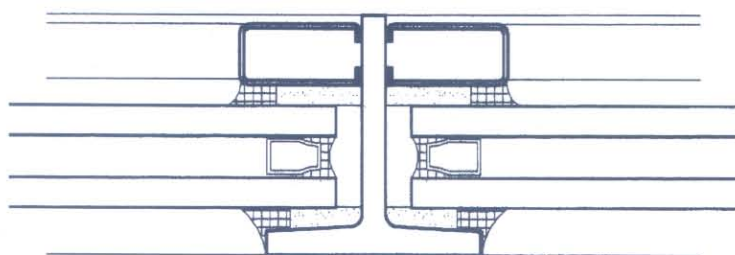
Cill - fixed light

Heritage



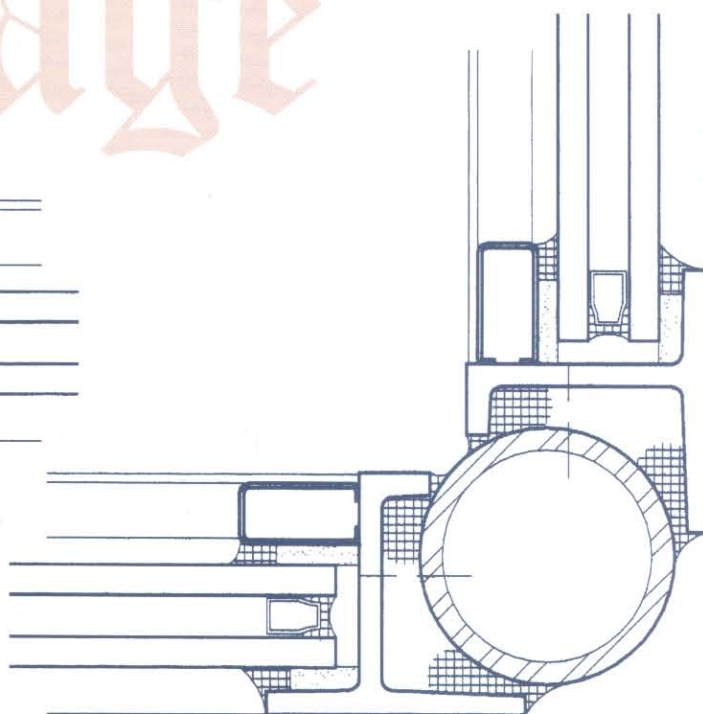
W20 RANGE
Coupling Mullion

Heritage

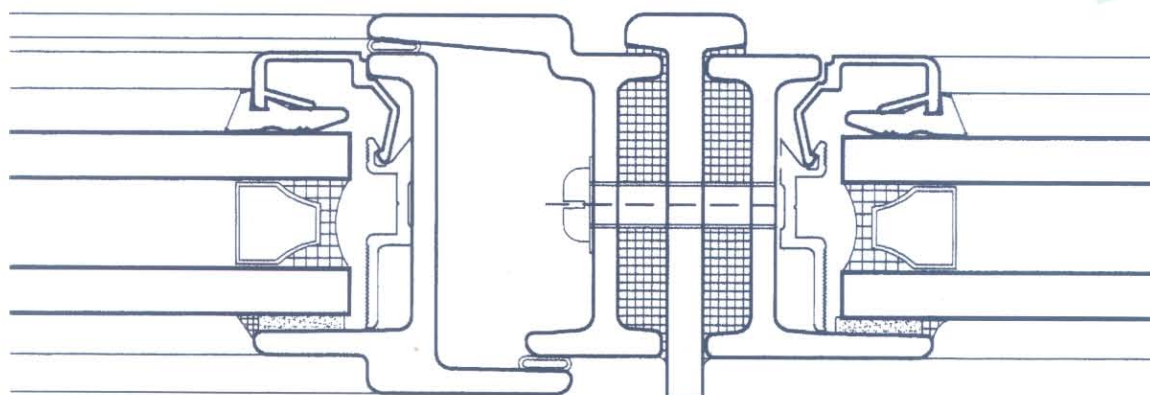


W20 RANGE
Tee Bar

W20 RANGE
Corner Post



W40 RANGE
Coupling Mullion



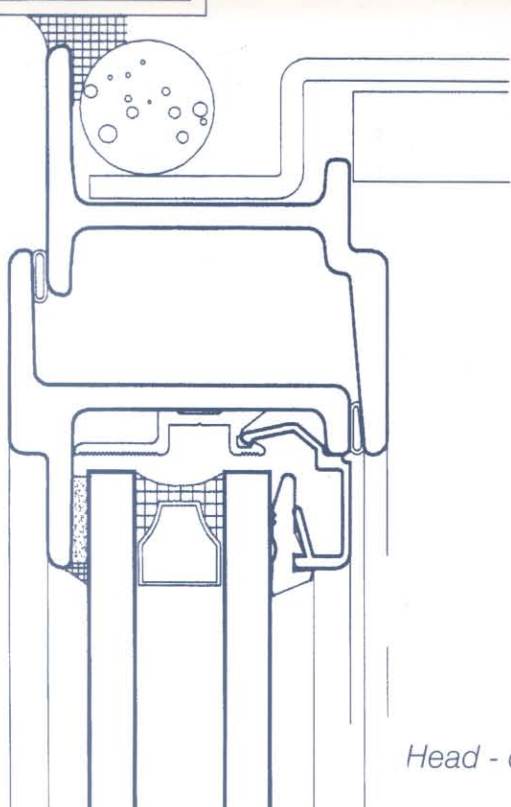
NEWAGE

MONK

NEWAGE

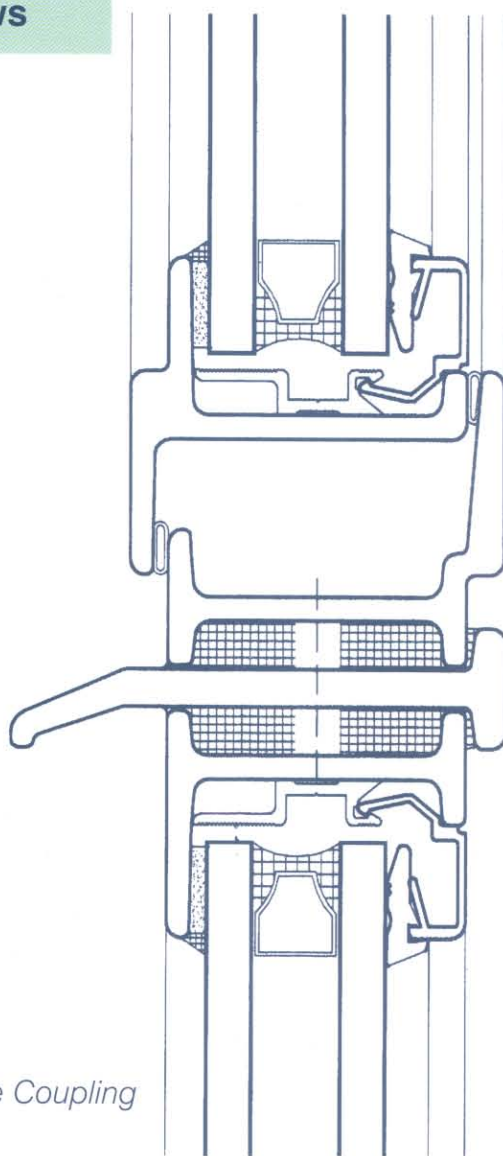
W40 RANGE

Enhanced
Performance
Purpose Made
Steel Windows

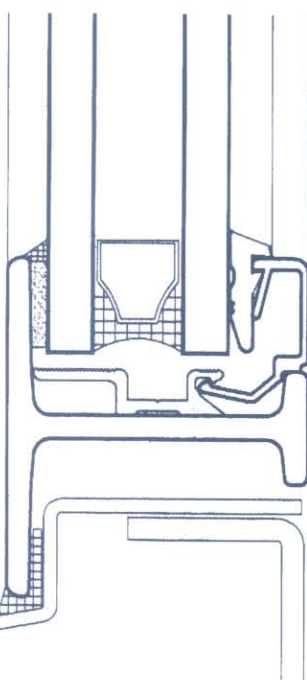


Head - opening light

- Hot dipped galvanised to BS EN ISO 1461
- Polyester powder coated to BS 6497
- Double weather stripped
- Single or double glazed up to 24mm thick
- Optional thro the frame trickle ventilation



Transome Coupling



Cill - fixed light

NEWAGE

Maximum Recommended Sizes

This table is for guidance only and size limits may vary depending on window construction and design criteria.

TYPE		W20	W40
Fixed Light	L	3000	3000
	H	3000	3000
	P	9200	9400
Side hung casement open in or out	L	900	1000
	H	2400	2400
	P	6400	6600
Top hung casement open out	L	1800	2000
	H	1800	2000
	P	6400	6600
Bottom hung casement open in	L	1800	2000
	H	1500	1600
	P	6400	6600
Horizontally pivoted casement	L	1800	1800
	H	1800	1800
	P	6400	6400
Vertically pivoted casement	L	1500	1500
	H	2400	2400
	P	6500	6500
Double side hung casements open in or out	L	1800	2000
	H	2400	2400
	P	8000	8400
Double doors open in or out	L	1800	2000
	H	2500	2500
	P	8400	8600
Single door open in or out	L	900	1000
	H	2500	2500
	P	6600	6600

W20

W40

Size limits
and
performance
details

THERMAL PERFORMANCE

Indicative 'U' Values of combined frame and insulating glass units, with and without low emissivity coatings are: (W/m² / degK)

W20	4mm glass / 6mm air gap / 4mm glass	3.7
W20	4mm glass / 6mm air gap / 4mm Low E glass	3.3
W40	4mm glass / 16mm air gap / 4mm glass	3.3
W40	4mm glass / 16mm air gap / 4mm Low E glass	2.8

TYPE	RANGE	TEST PRESSURE CLASS			EXPOSURE CATEGORY
		AIR	WATER	WIND	
Fixed light	W20	600	300	2400	2400SPL
	W40	600	300	2400	2400SPL
Top hung	W20	300	200	2000	2000
	W40	300	300	2400	2400
Side hung open out	W20	300	200	2000	2000
	W40	300	300	2400	2400
Side hung open in	W20	200	100	1600	1200
	W40	300	300	2400	2400
Bottom hung	W20	200	100	1600	1200
	W40	300	300	2400	2400
Horizontal pivot	W20	200	100	1600	1200
	W40	300	200	2400	2000
Vertical pivot	W20	200	50	1600	1200X
	W40	300	150	2400	1200

Test pressure class and exposure category in Pascals of typical types and sizes when tested to BS 5368 and classified as BS 6375: Part 1.

MONK



MONK
Avanti

Other Products:

A cold rolled steel window system designed with Italian flair by Secco. Developed and tested by Monk for the UK market. Brochure available on request.

Monk Metal Windows Ltd

Designers and Manufacturers of Purpose-made Metal Windows

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Company Reg. No. 2279468



FM 10955



Steel Window Association