

Specification

COMAR 5Pi WINDOW SYSTEM

is designed to conform to BS 4873. Specification for Aluminium Alloy which defines materials, finishes and the performance.

Profiles are extruded from Aluminium Alloy 6063TF, or TB, to BS EN 12020 & BS EN 755.

Profiles may be finished to the following specifications:-

Anodising to BS EN 12373 or BS 3987

Liquid organic coatings to BS 4842

Powder organic coating to BS 6496

Weather strip and glazing to BS 6375 and 4255-1

Glass and glazing to BS 6262 & BS 6375

Weather tightness to BS 6375, part 1

Product Limitation

Commercial Products,
with inside glazing

These product limitations are certified and based on a design wind pressure of 2400 Pa with hinge and locking restraint positions, that do not exceed 900mm apart on inward opening windows and 1200mm on outward opening windows.

Projected Multi light, with outside glazing beads are based on a design wind pressure of 1200Pa.

Larger window sizes maybe fabricated if the window will not be subjected to pressures of 2400 Pa - Please consult Technical Department.

Product performance

when tested to requirements of BS6375:

Air permeability: 600Pa

Water tightness: 600Pa

Wind resistance: 2400Pa (Commercial)

+ Many of the windows exceed these requirements. (Test reports are available on request)

* Maximum weights determined by manufacturers hardware options.

Dimensions based on equally spaced sash. Maximum weights determined by sash sizes

WINDOW TYPE	MAXIMUM WIDTH	MAXIMUM HEIGHT	MAXIMUM WEIGHT
SIDE HUNG CS425	1100mm	1500mm	35Kg
SIDE HUNG CS436	1000mm	900mm	24Kg
SIDE PROJ CS411	1000mm	1600mm	47Kg *
SIDE PROJ CS425	1100mm	1500mm	24Kg *
SIDE PROJ CS436	1000mm	900mm	24Kg
TOP HUNG CS411	1000mm	1600mm	70Kg
TOP HUNG CS425	1100mm	1500mm	70Kg
TOP HUNG CS436	1000mm	900mm	35Kg
TOP PROJ CS411	1000mm	1600mm	100Kg *
TOP PROJ CS425	1100mm	1500mm	50Kg *
TOP PROJ CS436	1000mm	900mm	35Kg



comar
ARCHITECTURAL ALUMINIUM SYSTEMS



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SCALE	1:1	@ A4
DATE	08/12/08	
DRAWN	GMS/APW	
DRG. No.	C5Pi-1.1.06	