

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.

WINDOW TYPE	MAXIMUM WIDTH	MAXIMUM HEIGHT	MAXIMUM WEIGHT
TILT/TURN CS433	1100mm	1600mm	90Kg *
BOTTOM HUNG CS433	1100mm	1600mm	35Kg
SIDE HUNG OPEN-IN CS433	1100mm	1600mm	35Kg
TOP SWING CS438	1000mm	1600mm	47Kg *
HORIZONTAL PIVOT CS432	1350mm	1350mm	180Kg *
VERTICAL PIVOT CS432	1350mm	1350mm	120Kg *
VERT SLIDER CS441 CS442 CS443 CS444	800mm #	1450mm #	50Kg per Sash *

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

