

Carbogno Ceneda Architects

Architecture Design Planning Sustainability Consultancy

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Appendix A

PRODUCT LITERATURE

Supporting Discharge of Condition Application
Condition 4

Broxwood View, 29 St Edmunds Terrace, London, NW8 7QH
Appeal reference: APP/X5210/W/19/3240401

July 2023



COR VISION PLUS SLIDING SYSTEM

TBB

ENERGY EFFICIENCY

Thermal Transmission Coefficient

Uw ≥ 0.9 (W/m²K)

Please consult typology, dimensions and glazing

ACCOUSTIC INSULATION

Maximum glazing: **56 mm**

Maximum acoustic insulation: **Rw = 43 dB**

CATEGORIES ACHIEVED AT TEST CENTRE

Protection against atmospheric agents

Air permeability (EN 12207):

Class 4

Water tightness (EN 12208):

Class 7A* / 9A*

Wind resistance (EN 12210):

Class C3* / C4**

* Reference test balcony 4.00 x 3.00 m / 2 sashes

** Reference test balcony 4.00 x 3.00 m / 1 sash + 1 fixed light

SECTIONS	Frame 180 mm / 278 mm 3 Rails Sash 69 mm	EXTRUSION ALLOY	6063 T-5
PROFILE THICKNESS	Door 2.0 mm	POLYAMIDE STRIP LENGTH	Frame 40 mm Sash 18 / 32 mm
MAXIMUM DIMENSIONS	Width (L) = 4.000 mm Height (H) = 4.000 mm <small>*Glazed surface 14 m</small>	OPENING POSSIBILITIES	Sliding 1, 2, 3, and 4 sashes Possibility of interior and exterior corner sash at 90° without mullion Galandage
MAXIMUM WEIGHT/SASH	400 kg Manual 700 Kg Motorized		

Please consult regarding maximum weight and dimensions according to types

FINISHES

Colour powder coating
(RAL, mottled, rough...)

According to Qualicoat >60 micras

Wood effect powder coating

According to Qualideco standard

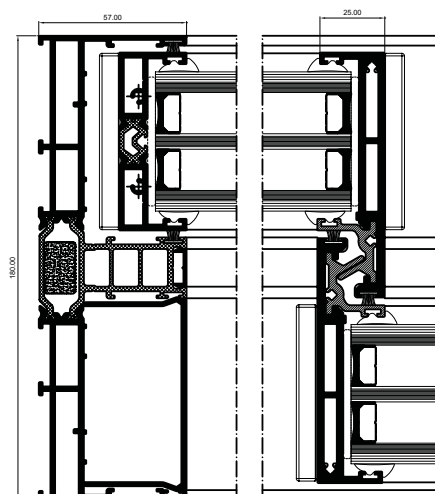
Anodized

According to Ewwa Euras

Standard Class 15

Optionally Class 20 and 25

Optionally bicoloured





Schuco ADS 70 HD Door V1

SCHÜCO

ADS 70 HD

DURABLE ENTRANCE DOORS



Arkay Windows is a specialist large-scale fabricator with over 45 years experience based in Watford, North West London.

Through growth built on putting our customers first, we have risen to supply some of the country's biggest retail companies, contractors and commercial installers.

Arkay Windows



Watford: 01923 803 923
London: 020 8889 6821

ads70hd@arkaywindows.com
arkaywindows.com

 Arkay Windows



SCHÜCO

ADS 70 HD

DURABLE ENTRANCE DOORS

Gives every façade its own character - Its robust and durable construction allows for a large opening and width, clearance heights of up to 3,000mm, particularly suited to buildings with a high number of visitors.

Burglar-Resistant Up To RC3 (WK3)

Opening Width Up To 2,800mm (Double-Leaf)

Generous Clearance Heights Of Up To 3,000mm

Max Leaf Weight 200kg

Choice Of Sill Rail Or Continuous Leaf Profile

SCHÜCO

ADS 70 HD



Size Limits

Maximum Height	3000mm
Maximum Width	1400mm Per Leaf
Maximum Weight	200kg Per Leaf

PROFILE DEPTH	70mm
GLAZING THICKNESS	6mm - 45mm
GLAZING METHOD	Beaded
SECURITY	PAS 24

PERFORMANCE	
U-VALUE	From 0.91 W/m ² K
AIR PERMEABILITY	Class 2
WATER TIGHTNESS	Class 5A
WIND RESISTANCE	Class C3/B3

METAL AIR BRICK

SPECIFICATIONS & RESISTANCE DATA

MAB-204X60-WH

DUCT SIZE	DESCRIPTION	CONNECTION	MATERIAL	COLOUR	FLAMMABILITY RATING	MANUFACTURE STANDARD
204mm x 60mm	Non-combustible, low resistance metal air brick	Female	Galvanised steel	White	A2-s1; d0 (powder coating); A1 (base material)	ISO9001

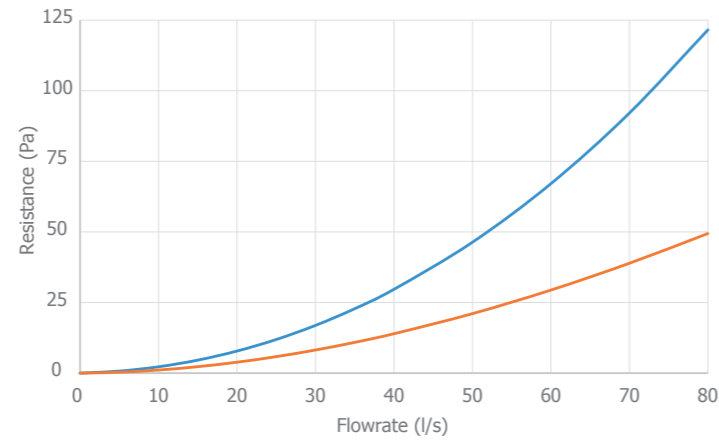


PART NUMBER	DUCT SIZE	AIR DIRECTION	RESISTANCE IN Pa							
			10l/s	20l/s	30l/s	40l/s	50l/s	60l/s	70l/s	80l/s
MAB-204X60-WH	204mm x 60mm	Intake	2.1	7.7	16.9	29.8	46.3	66.4	90.1	117.5
		Exhaust	1.3	4.1	8.3	13.9	20.9	29.2	39.0	50.1

Supply Air
Extract Air

Note: Supply Data based on Test Report No. TB2329.
Exhaust Data based on Test Report No. TB2332.

Note: Performance testing carried out using BS EN 13141-2.



COLOUR OPTIONS

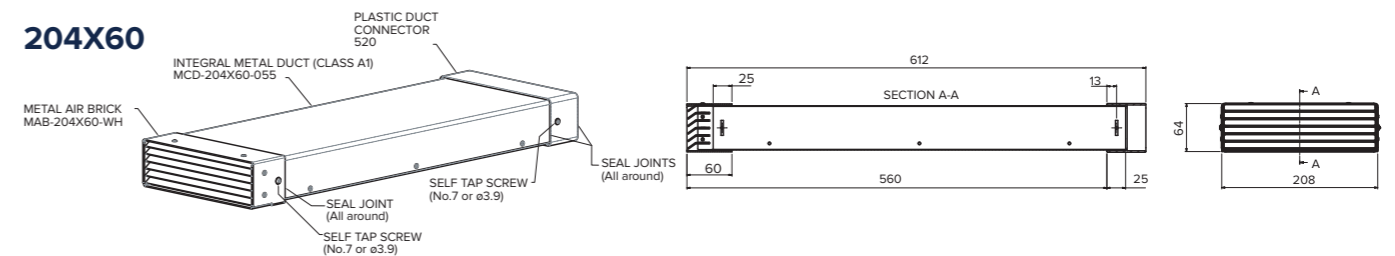
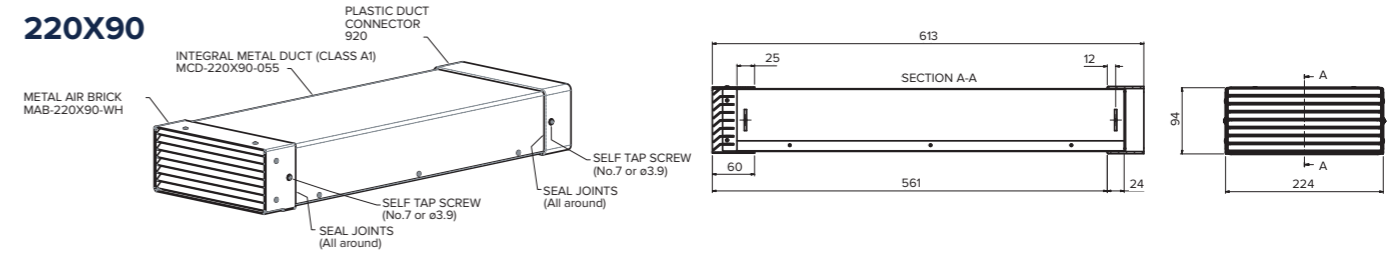
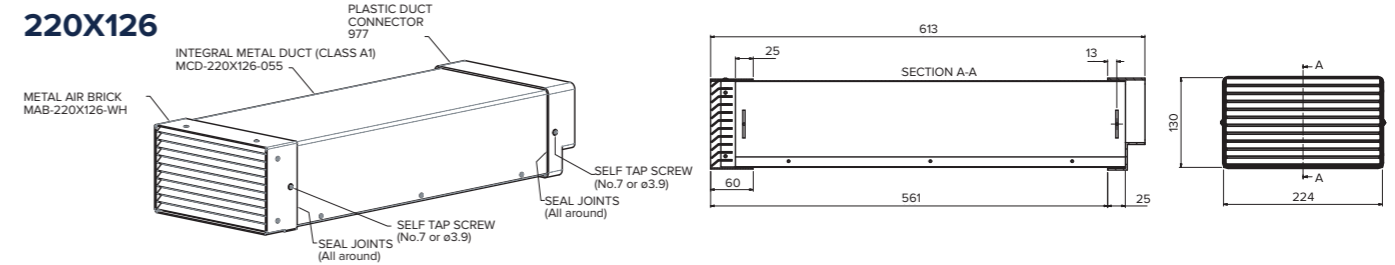
COLOUR	RAL REFERENCE	RAL TITLE	CODE SUFFIX
White	9016	Traffic White	WH
Brown	8011	Nut Brown	BR
Cotswold	1014	Ivory	COT
Terracotta	8004	Copper Brown	TC
Black	9017	Traffic Black	BK
Grey	7046	Telegrey 2	GREY

Nuair metal air bricks are available in multiple colours. Replace 'WH' on end of code with applicable suffix to change colour option. Colour options are applicable to metal air bricks only, not sleeves. For a bespoke colour, please contact Nuair on 029 2085 8500 or email residential.enquiries@nuair.co.uk.

INTEGRAL METAL DUCT (CLASS A1)

DIMENSIONS

For use with metal air bricks. Integral metal duct (Class A1) have **male** connections.



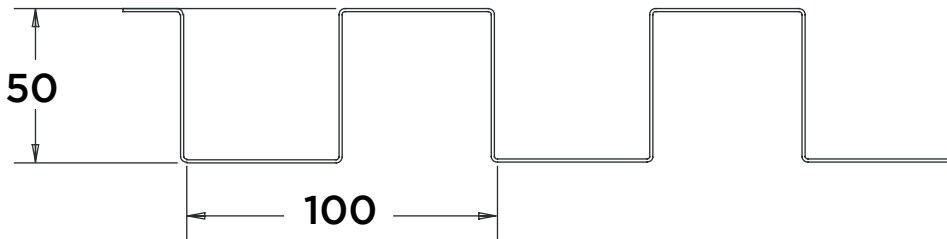
SQ-50/50

wellTEC®

wellTEC® SQ-50/50 is a profiled metal sheet which is often used for facades internally and externally, but can also be used in soffits, furniture and ceilings. The wellTEC® range offers you a wide selection of different profiles from Square, Sinusoidal and Zigzag. All of the wellTEC® profiles are available in a variety of different finishes and textures to help create the aesthetic required.



Technical Details



Raw Materials



Aluminium



Pre Galvanised



Stainless Steel



Mild Steel

Powder Coat
Finishes Available



Anodised
Finishes Available



Perforation
Available



**Max Panel
Width**

700mm

**Max Panel
Length**

5500mm

**Material
Thickness**

0.8mm
1mm
1.5mm

**Profile
Pitch**

100mm

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Kent, ME13 7FD

Measurements and data are approximate and should be confirmed with a physical sample.
If you are unsure if you are selecting the correct mesh for your application please contact the technical team for more information.