Rolling Security Systems

Armourguard Range

Alishield Range

Diamond Roll Grille

Alulink Grille

HAG

Armourguard Range

Features
- Steel construction
- Level of security and aesthetic appeal variable through choice of model configuration
- Custom made and adaptable in design for site constraints

Security
- Duel Point central shoot bolt locking device standard for manual systems
- Automatic locking for electrical systems available on request

Operation
- Manual operation is spring assisted to aid movement
- Electric operation can be powered by single phase motor
- Various control and operator units to automate and secure closing
- Manual override system available

Model Variation and Strengths
- Versatile in construction to span and secure larger openings
- Models available in 18, 20 and 22 gauge steel lath
- Models in flat (50mm, 100mm) or curved (76mm) lath sections
- Perforated allows partial through vision and ventilation
- Punched available in various aperture sizes and pattern for vision and ventilation
- Solid curtains capable of incorporating sections of punched or perforated areas

Presentation
- Galvanised as standard
- HP200 Plastisol coated
- Polyester powder coat finish (Full colour range available)

Alishield Range

Features
- Aluminium construction
- Strong corrosion resistant aluminium
- Various punched configuration available to change the appearance of the Alishield system

Security
- Duel Point central locking device as standard on manual systems
- Automatic locking for electrical systems available on request

Operation
- Manual Operation is spring assisted to aid movement
- Electric operation powered by single phase tubular motor
- Various control units to automate and secure closing
- Manual override system available

Model Variations and strengths
- Available in 2mm thickness extruded Aluminium lath
- Models available in 38mm 50mm or 89mm sections
- Solid curtain capable of incorporating punched areas
- Punched available with glazed panels in a pattern for partial vision

Presentation
- Mill finish as standard
- Anodised finish
- Polyester powder coat finish (Full colour range available)

Diamond Roll Grille

Feature
- Maximum visibility through design
- Manual operation spring assisted

Security
- Duel point central locking shoot bolt as standard
- Small apertures with portcullis designed to deter pilfering

Strength
- Robust PVC links supported by aluminium horizontal rods
- System can use intermediate mullion posts to cover large and angled openings (serving and bar areas)

Curtain design
- Diamond shaped PVC links

Presentation
- Three standard colours White, Brown and Black (curtain only)
- Surrounding components available in powder coat finish to suit chosen grille colour or décor

Alulink Grille

Features
- Aluminium construction
- Manual and electric operation available

Strength
- High grade links and tubes supported by horizontal aluminium rods for strength and durability
- System can use intermediate mullion posts to cover large and angled openings (serving and bar areas)

Security
- Duel point central locking shoot bolt as standard on manual operation

Curtain design
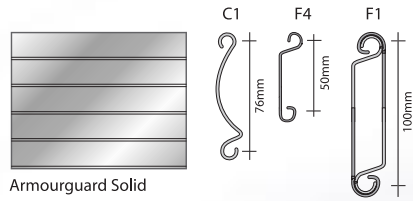- In line construction or brick bond pattern
- 50mm or 76mm link available

Presentation
- Mill finish as standard
- Anodised finish
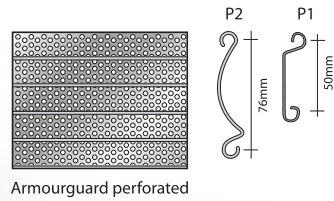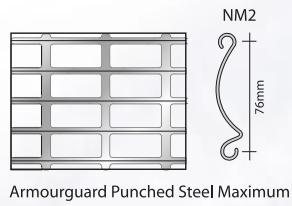- Polyester powder coat finish (Full colour range available)

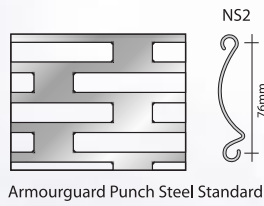# Models

Armourguard Range (Steel)

C1 F4 F1

76mm 50mm 100mm

Armourguard Solid

P2 P1

76mm 50mm

Armourguard perforated

NM2

76mm
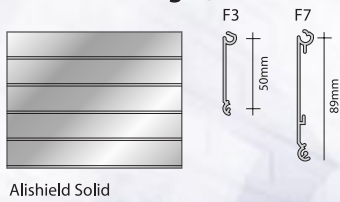
Armourguard Punched Steel Maximum

NS2

76mm

Armourguard Punch Steel Standard

Alishield Range (Aluminium)

F3 F7

50mm 89mm

Alishield Solid

NS4

89mm
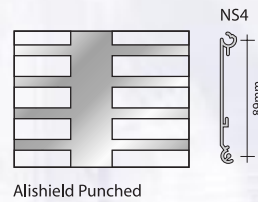
Alishield Punched

Alulink Grille (Aluminium)

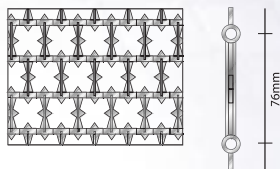G2 G4

76mm 52mm
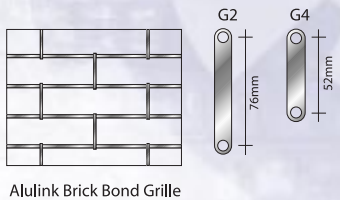
Alulink Brick Bond Grille

G1 G3

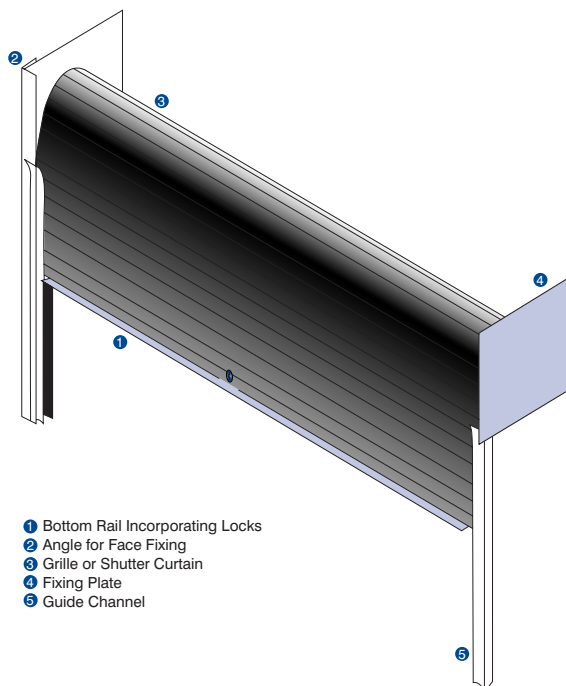76mm 52mm
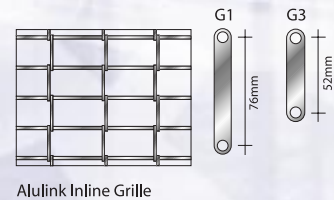
Alulink Inline Grille

Diamond Grille (PVC)

76mm

ROLLING SECURITY SYSTEMS

Technical Drawing Detail

❶ Bottom Rail Incorporating Locks
❷ Angle for Face Fixing
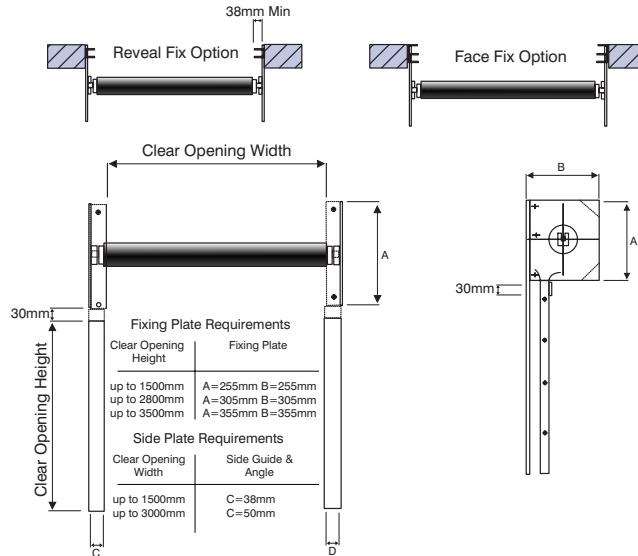❸ Grille or Shutter Curtain
❹ Fixing Plate
❺ Guide Channel

Rolling Security Systems Product Coding

Model	Range	Description
C1	Armourguard	76mm Solid Galvanised
C2	Armourguard	76mm Solid Galvanised Plastisol
P1	Armourguard	50mm Perforated Galvanised
P2	Armourguard	76mm Perforated Galvanised
P3	Armourguard	76mm Perforated Galvanised Plastisol
F1	Armourguard	100mm Twin Skin Galvanised
F2	Armourguard	100mm Twin Skin Galvanised Plastisol
F4	Armourguard	50mm Solid Galvanised
F5	Armourguard	50mm Solid Galvanised Plastisol
N2S	Armourguard	76mm Punched Standard
N2M	Armourguard	76mm Punched Maximum

Model	Range	Description
F3	Alishield	50mm Aluminium Solid
F6	Alishield	89mm Aluminium Solid HD
F7	Alishield	89mm Aluminium Solid ST
N1	Alishield	50mm Aluminium Punched
N3S	Alishield	89mm Heavy Duty Ali STD Punched
N3M	Alishield	89mm Heavy Duty Ali Maximum Punched
N4S	Alishield	89mm Standard Ali STD Punched

Model	Range	Description
G1	Alulink	76mm In line Tube and Link Grille
G2	Alulink	76mm Brick Bond Tube and Link Grille
G3	Alulink	50mm In line Tube and Link Grille
G4	Alulink	50mm Brick Bond Tube and Link Grille

Model	Range	Description
D1	Diamond Grille	PVC Link Grille

INSTALLATION OPTIONS

Rolling Security Systems

Installation & Space requirements for manual spring operation

38mm Min

Reveal Fix Option

Face Fix Option

Clear Opening Width

A

B

A

30mm

30mm

Clear Opening Height

C

D

Fixing Plate Requirements

Clear Opening Height	Fixing Plate
up to 1500mm	A=255mm B=255mm
up to 2800mm	A=305mm B=305mm
up to 3500mm	A=355mm B=355mm

Side Plate Requirements

Clear Opening Width	Side Guide & Angle
up to 1500mm	C=38mm
up to 3000mm	C=50mm

Installation & Space requirements for single phase tubular motor operation
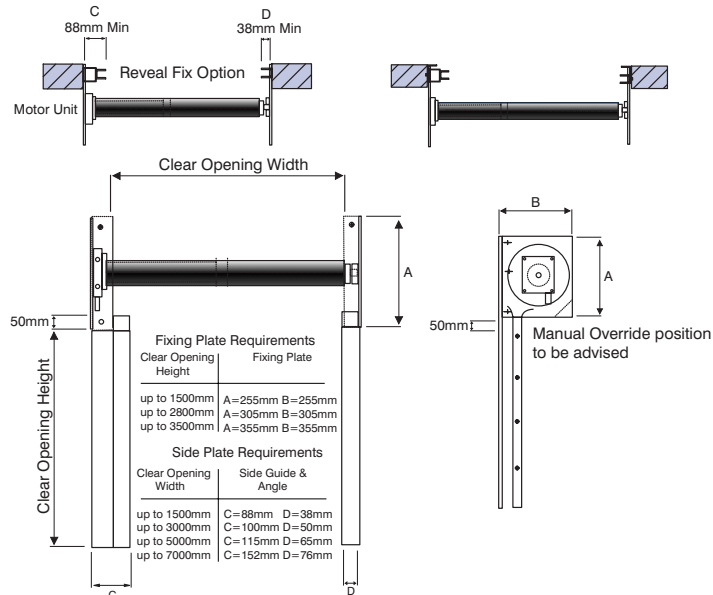
C
88mm Min

D
38mm Min

Reveal Fix Option

Motor Unit

Clear Opening Width

A

B

A

50mm

50mm

Manual Override position to be advised

Clear Opening Height

C

D

Fixing Plate Requirements

Clear Opening Height	Fixing Plate
up to 1500mm	A=255mm B=255mm
up to 2800mm	A=305mm B=305mm
up to 3500mm	A=355mm B=355mm

Side Plate Requirements

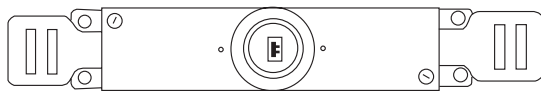| Clear Opening Width	Side Guide & Angle
up to 1500mm	C=88mm D=38mm
up to 3000mm	C=100mm D=50mm
up to 5000mm	C=115mm D=65mm
up to 7000mm	C=152mm D=76mm

INTEGRAL LOCKS
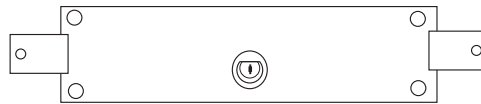
Accessories & Alternative Components

Locks Centre

(1) Tessi / King
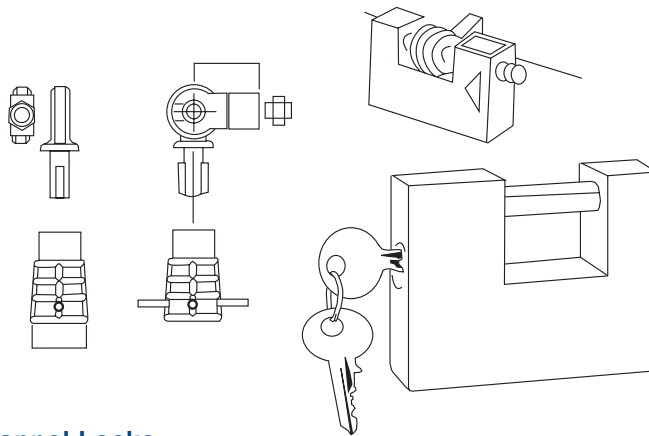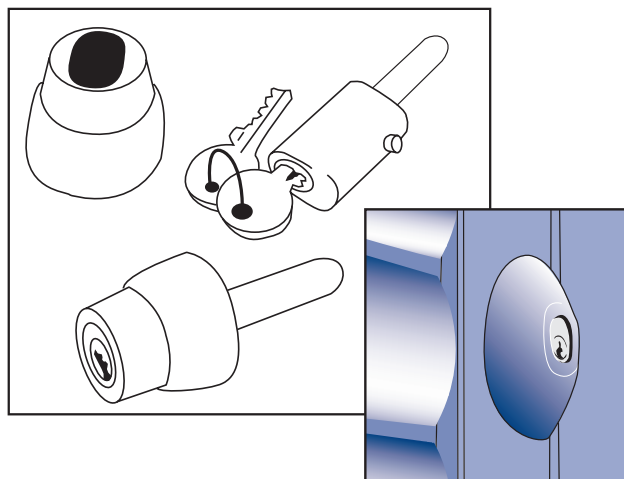
(2) Royal
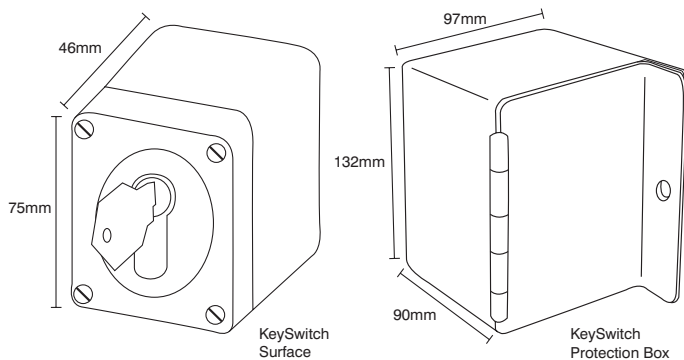
(3) Prefer
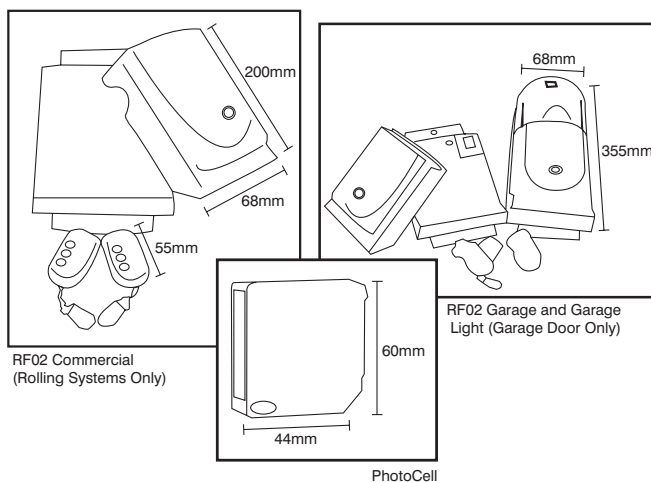
CENTRE LOCK c/w RODS

Ground Locks

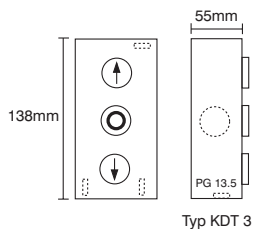### Channel Locks
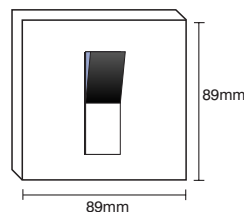
ACCESSORIES &
ALTERNATIVE COMPONENTS

KeySwitch

46mm

75mm

132mm

97mm

90mm

KeySwitch
Surface

KeySwitch
Protection Box

Remote Control Units

200mm

68mm

55mm

68mm

355mm

RF02 Commercial
(Rolling Systems Only)

RF02 Garage and Garage
Light (Garage Door Only)

60mm

44mm

PhotoCell

Push Button
Control Unit

138mm
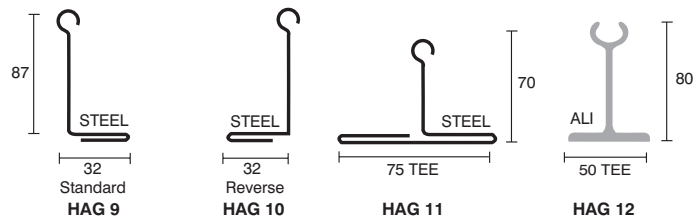
55mm

PG 13.5

Typ KDT 3

Rocker Switch

89mm

89mm

ROLLING SECURITY SYSTEMS

Technical Drawing Detail

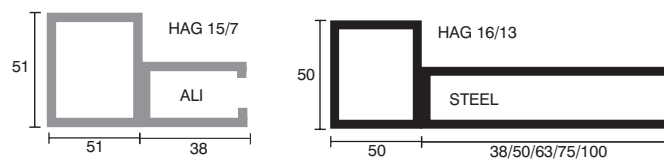### Variable Components

BOTTOM RAIL

87			
STEEL	STEEL	STEEL	ALI
32	32	75 TEE	50 TEE
Standard	Reverse		
HAG 9	**HAG 10**	**HAG 11**	**HAG 12**

70 80

Addition - HAG 11 can incorporate a rubber weather strip

73   73   92

69   37   39

GUIDE

HAG 7	**HAG 6**	**HAG 14**	**HAG 13**
29 ALI	50 ALI 29	45 27	32
38	54	67	38/50/63/75/100
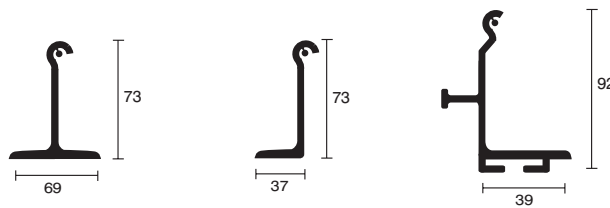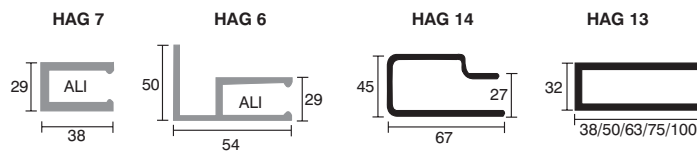
Addition - HAG 13 can incorporate a Noise Reduction Strip to the leading edge

HAG 15/7
51
ALI
51   38

HAG 16/13
50
STEEL
50   38/50/63/75/100

MULLION

HAG 4

ALI

39.5	22.5	39.5
	101.5	

Centre Mullion

HAG 8

ALI

38
104
41   49

90° Corner Mullion

HAG 5

ALI

38
38   22.5   22.5
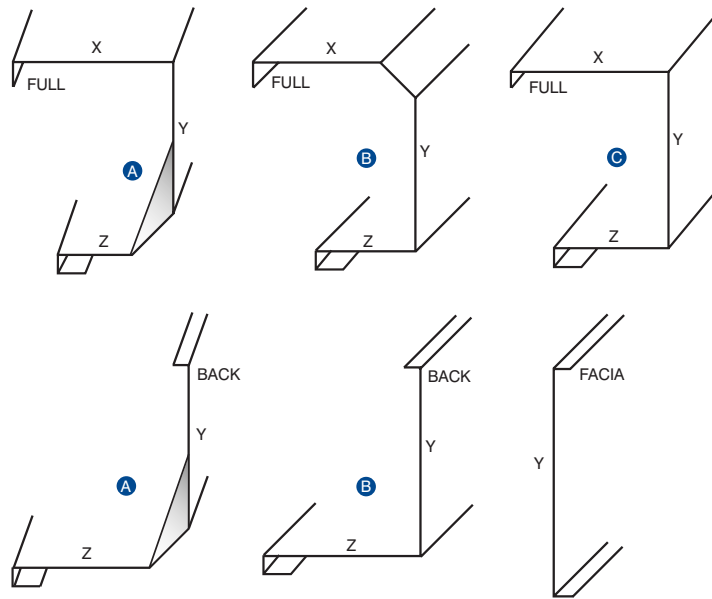
135° Corner Mullion
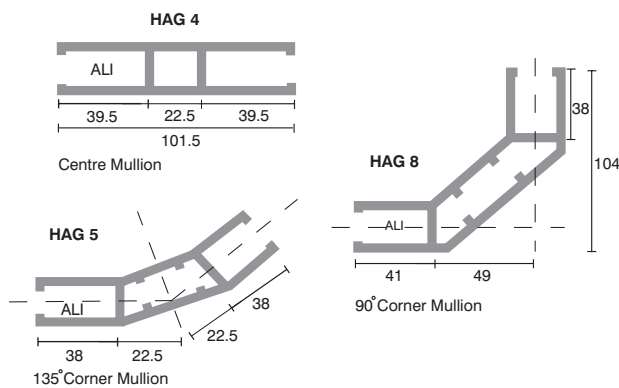
INSTALLATION OPTIONS

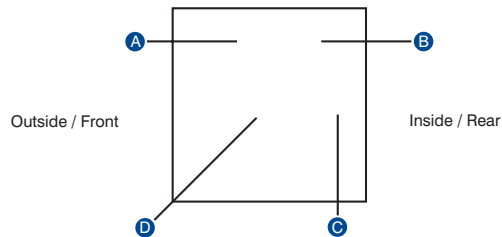## Rolling Security Systems

Variable Components

CANOPY DETAIL/PROFILE

X + Y = 254 - 355 (Or Special)
Z   = 127 - 200
Y   = 254 - Any Specified

MANUAL OVERRIDE POSSIBLE EXIT POSITIONS
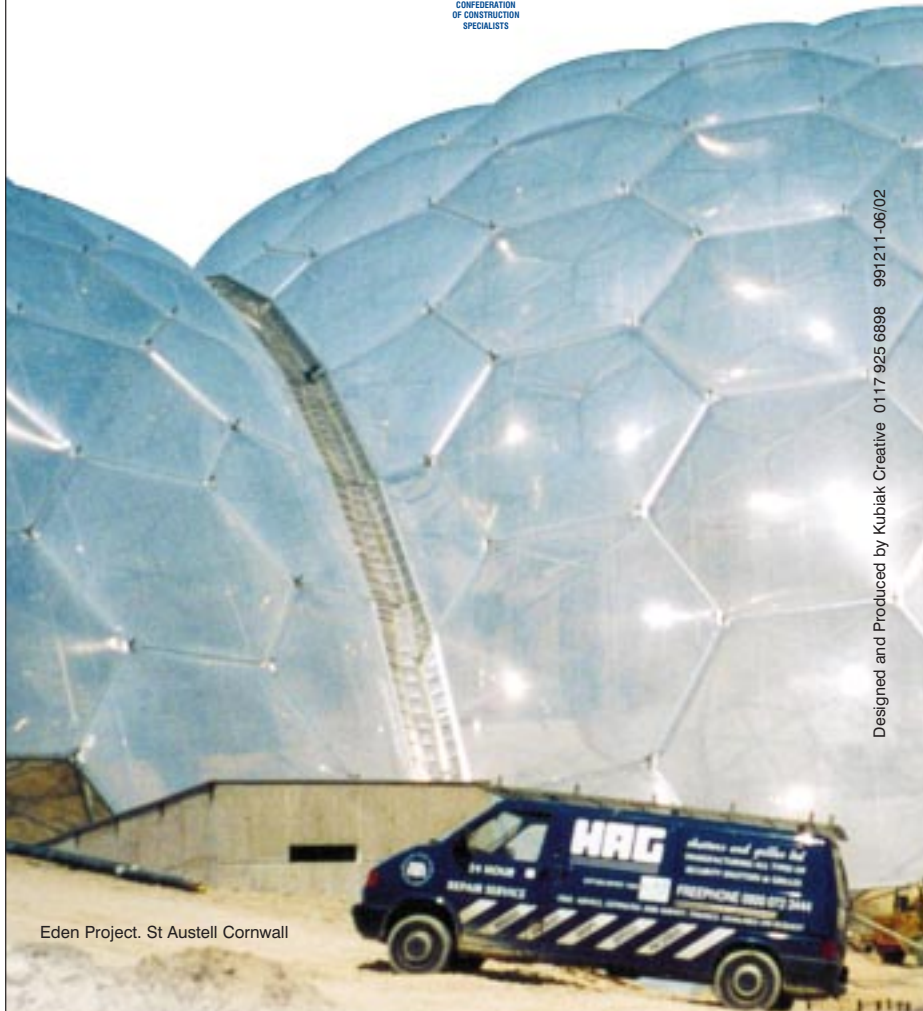
Outside / Front

Inside / Rear

HAG

HAG design, manufacture and install a full range of property protection systems for domestic commercial and industrial applications.

Our dedicated Customer service teams ensure complete satisfaction by providing comprehensive support from ordering to owning HAG products.

After care benefits:
- Nation wide service
- 24 hour repair help line
- Service contracts

BBSA
BRITISH BLIND & SHUTTER ASSOCIATION

DSMA
FULL MEMBER

CONFEDERATION
OF CONSTRUCTION
SPECIALISTS

ISO 9002
REGISTERED FIRM

CE

Eden Project. St Austell Cornwall

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