

OUTA-DOR

External Steel Doorsets



**STEEL DOORS
FOR THE
REAL WORLD**

10
YEARS

**TEN YEAR
GUARANTEE**

Our doors are manufactured in a range of materials offering strength and durability. Our OUTA-DOR external doors are manufactured using Magnelis[®] sheets and can offer an anti-corrosion warranty of up to 10 years with a standard PPC coating.*



**MADE TO
MEASURE**

All steel doors are made to order at our UK factory, are available in a wide range of heights and widths to suit any requirement, and are delivered fully assembled.



**CE marked to
BS EN 14351-1
and
EN 16034**

GLAS-DOR

OUTA-DOR

INNA-DOR

TUFF-DOR

SECUR-DOR

LOUVRED

HARDWARE
& FINISHES

OUTA-DOR

External Steel Doors



The 'OUTA-DOR' product leads the industry in steel doorsets; designed as a general purpose external door the OUTA-DOR is manufactured in the UK and is available made to measure in as little as 10 days from order.

Recent investments in machinery have made the process of purchase and manufacture much quicker, meaning less of a wait for your product while maintaining the same level of quality-control and value for money.

> DOOR LEAF

Thickness:	55mm
Material:	1.2mm corrosion resistant Magnelis® steel sheets as standard, with upgrade options of 1.5mm and 2.0mm sheets. Wide variety of colours and finishes available. Also 304 or 316 grade Stainless Steel.
Infill:	Self supporting resin-impregnated honeycomb core as standard. Optionally Mineral Wool, Polyurethane or Solid Timber.
Construction:	Doorblade manufactured from two 1.2mm sheets lockformed together, by bonding skins around a rigid core, using a no-weld construction.

> THERMAL 'U' VALUES

Depending on construction and infill values of 3.2 - 1.6 w/m²k are obtainable.

Infill:	U Value (w/m²k)
Honeycomb	3.1
Solid Timber	2.9
Mineral Wool (with steel strengtheners)	2.4
Mineral Wool (lamella)	1.8
Polyurethane	1.6

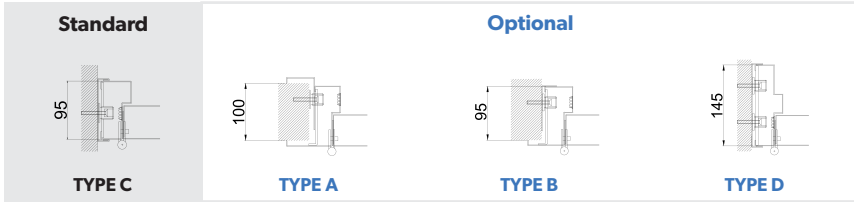


> DOOR FRAME

Construction:

Folded from 1.6mm Magnelis® with upgrade option to 2.0mm Screw and tab construction with 4no. adjustable fixing feet per jamb, variable sub frame supplied as standard to accommodate site tolerance of -0/+30mm.
The frame is fitted with 4no. Dog-bolt hinges as standard.

Profile: Types A & B available in both inward and outward opening versions.

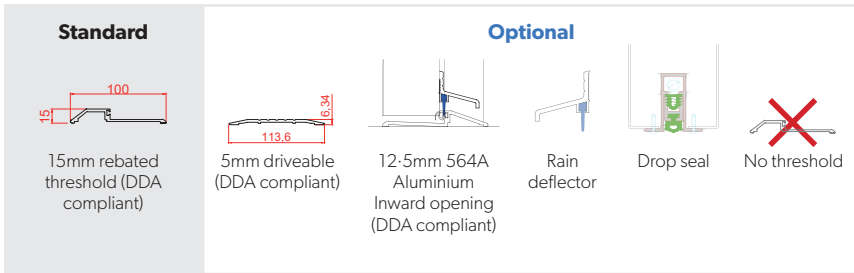


> WALL CONSTRUCTION

Construction Types:

Can be used in all forms of Masonry, Concrete and Flexible Stud Wall (cold wall style).

> THRESHOLD



> SIZES

Sizing:

Doors are custom manufactured in 10mm increments for single openings 690mm to 1290mm and double openings 1290mm to 2600mm, at heights up to 2900mm.

Contact the Sales office for special configurations and finishes.

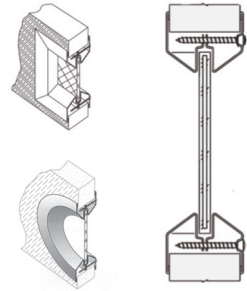
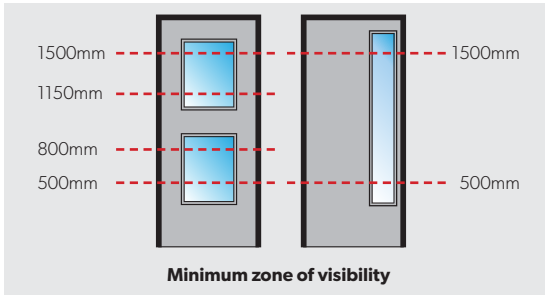
> **CE MARKING**

OUTA-DOR is CE marked to BS EN 14351-1 for external door characteristics. However, from 1st November 2019, ALL external fire rated doorsets **MUST** be CE marked to both BS EN 14351-1 AND EN 16034 . For further information on how we're complying with the new regulations, please go to our website www.robust-uk.com.

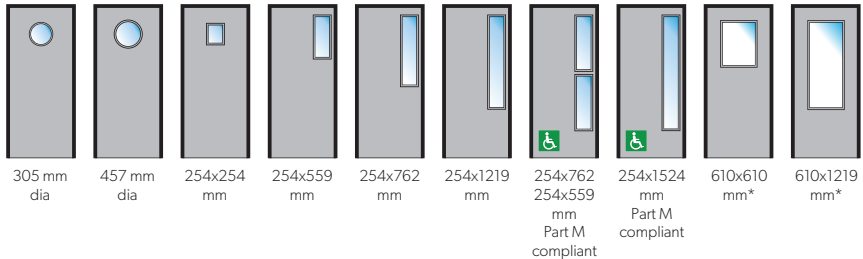


> **VISION PANELS**

Guidance notes:	To comply with Part M of the Building Regulations 2004 doors circulation across routes should have visibility glazing.
Construction:	Welded construction from 1mm cold rolled steel, screwed together from one side
Options:	Double Glazed as standard. Alternative options include 6mm GWPP or a 19mm Double Glazed Unit (6.4/6/6.4 mm laminate). Custom sizes and glass are available to customer requirements



Standard Vision Panels - max size 508x1524mm per leaf. Please contact Sales for other options.





> **LOUVRE PANELS**

Construction:	Standard Louvre offers 50% air flow with louvre blades constructed to stop birds. Frames are 1.2mm thick and blades 0.7mm.
Options:	Fly mesh available as an optional extra, also custom sizes.



457x1524mm



457x457mm
top



457x457mm
bottom



457x457mm
twin

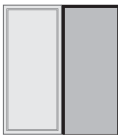


> **PANEL ARRANGEMENTS**

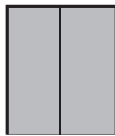
Guidance notes:	Panels can be solid, glazed or louvred
Construction:	Standard side panels are available up to 1290mm wide x 2900mm high. Standard over panels are available up to 1290 x 2900mm (single door) or 1290 x 2600mm (double door).
Options:	Hinged panels. Removeable, flush, glazed or louvred are all available. Please consult the Sales office with specific requirements.



Single Door



Single Door and Side Panel



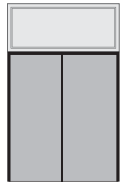
Double Doors



Double Doors and Side Panel



Single Door and Over Panel



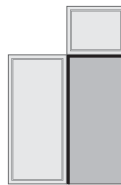
Double Doors and Over Panel



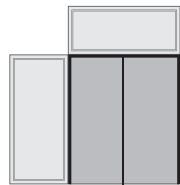
Single Door and 2 Side Panels



Double Doors and 2 Side Panels



Single Door with Side and Over Panels



Double Doors with Side and Over Panels

FINISHES

> STANDARD COLOUR FINISHES

All Robust doors are supplied with a choice of polyester powder coatings from our Standard PPC Colour Range (see chart on page 55)



> OPTIONAL FINISHES

We also offer a range of optional finishes to fit your exterior or interior application.



Polyester Powder Coated from Non-Standard Colour Range



PVC Laminate from Standard Range



Stainless Steel Brushed, Polished or Patterned



Unfinished for site finishing

Woodgrain PVC Laminates



NORDIK OAK



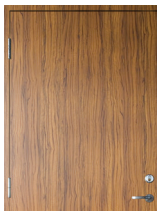
ASH



MAHOGANY



MAGIC OAK



TEAK



CHERRY



VIRGIN WHITE

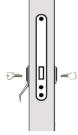


GOLDEN OAK

LOCKS & HARDWARE

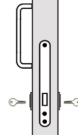
We stock a wide range of steel door parts, including: handles, locks, hinges, seals, panic hardware, closers & stays, cylinders, paint, thresholds, access control hardware, and plates.

> MORTICE LOCKS AND LATCHES



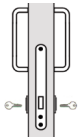
DEADLOCK ALT 1

DeadLock fitted with external cylinder pull, double cylinder and internal escutcheon. Standard for plant rooms.



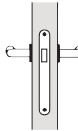
DEADLOCK ALT 2

Deadlock fitted with 19mm bolt through handle, and push plate to opposite side. Double cylinder with escutcheons as standard.



DEADLOCK ALT 3

Deadlock fitted with double 19mm bolt through handle. Double cylinder with escutcheons as standard.



LATCH

The standard latch fitting is with a pair of 19mm stainless steel levers, suitable for non-secure doors to provide privacy.



SASHLOCK

The standard fitting for sashlocks is with pair of 19mm stainless levers and a double cylinder deadbolt. Illustrated is optional thumbscrew on non-secure side.



TOILET LOCK

As the sash lock but the deadbolt is fitted with a privacy/indicator set instead of a cylinder.



NIGHTLATCH ALT 1

Suitable for automatic locking entrance doors, used manually or in conjunction with an electric strike. Illustrated optional cylinder pull.



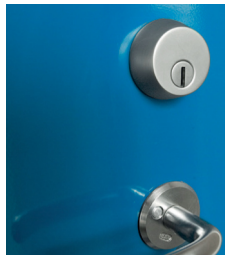
NIGHTLATCH ALT 2

As Alt 1 but fitted with a h handle. Doors fitted electric strikes provide key access for authorised persons as a manual override, whilst the internal handle gives escape at all times.



NIGHTLATCH WITH SNIB

The snib allows the locking latch to be secured within the lockcase giving free access. Doors with night latches are normally fitted with closers.



> **MORTICE MULTI-POINT LOCKING**

3-POINT SASHLOCK

This lock has a sashlock fitted centrally with top & bottom deadbolts. The cylinder operates all locks from the central point. Either a double or euro cylinder & turn can be fitted. An escape version is also available. Note this lock is only available on custom built doors.



DEADLOCK ALT 2

Additional locks, usually deadlocks, can be fitted to standard doors to aid security. In the illustration are additional deadlocks & a sashlock, which can be fitted in either the upper or lower quarter, or both. The standard option is two locks, one fitted centrally and one in the lower quarter (it is more difficult to apply leverage to the upper half of a door when attacking it).



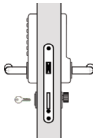
Additional locks can be fitted with panic bolts and latches to provide night time security, subject to Fire Regulations.

Typically locks are Hooply Sashlock or Deadlock with Securefast Escutcheons.

> **LOCKING: ACCESS CONTROL**

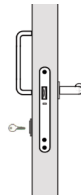
MECHANICAL KEYPAD

As standard this is provided with a latchbolt complete with a pair of stainless steel levers and a deadbolt for security, operated by a double cylinder. Illustrated is optional thumbscrew on non-secure side.



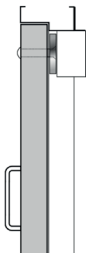
ELECTRIC STRIKE

As standard the door blade is fitted with a nightlatch complete with an external pull handle and internal half-lever. The lever allows manual egress from the inside (this can be replaced by a push button or a secure access system). A half-cylinder can be fitted to allow fail-safe override. The strike can be activated by the full range of secure access systems, eg. keypad, swipe card, etc. Available in 12 or 24vDC and with Fail Open (power to hold strike) or Fail Closed (power to open).



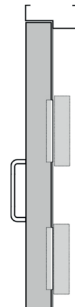
ELECTRO-MAGNET LOCK, SURFACE MOUNTED

Available in 12 or 24vDC the magnet can be activated by the range of security access systems, eg. keypad, swipe card, etc. It is fitted to the frame with a bolt through armature plate on the door blade. The magnet is locked when power is applied and automatically Fails Open when it is removed. The lock can be fitted to single or double doors.



ELECTRO-MAGNET LOCK, CONCEALED MOUNTING

The door is fitted with two mag-locks flush mounted into a special frame section, whilst the armature plates are recessed into the door blade. This arrangement is ideal for high traffic entrance doors to offices and flats, as it provides an esthetically pleasing door offering high security and resistance to attack or abuse. The lock can be fitted to single or double doors (on double doors only active leaf operation is allowed).

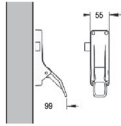


> **PANIC ESCAPE HARDWARE**

Every new build or replacement panic and emergency exit application is required to comply with European safety legislation, the relevant standards are EN1125 & EN179 which replace BS5725:pt1:1981.

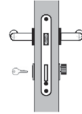
EMERGENCY APPLICATION - EN 179

An emergency application where the exit door is in a low occupancy environment and will only be used by trained personnel, typically a workplace or somewhere not accessed by the public. Examples being offices, private flats and apartments, store rooms and boiler rooms. This application requires only a single point of contact, e.g. push pads.



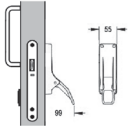
RIM PANIC PAD

A surface mounted single point panic pad, suitable for light to medium security.



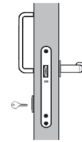
ESCAPE SASHLOCK

A mortice sashlock with cylinder and turn, ideal for doors combining access with escape and medium security. The door can be left unlocked for daytime latched access. An internal lever retracts latch and deadbolt allowing escape when the door is locked.



MORTICE PANIC PAD

Surface mounted panic pad with single point locking from a mortice night latch, for medium security. Self locking on closure. Shown with optional external cylinder and pull.

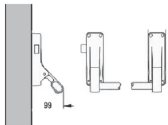


ESCAPE NIGHT LATCH

An internal lever handle retracts the latch bolt allowing escape, with the door re-locking on each closure. Can be fitted with external cylinder and pull handle.

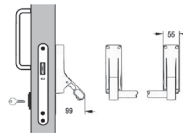
PANIC APPLICATION - EN 1125

A panic application occurs where the exit door is used by the public and provides "safe & effective escape through the doorway with the minimum effort & without prior knowledge of operation", typically theatres, shops, schools, hospitals & cinemas. This applications require an operating device that covers the width of the door, e.g. crossbars or touchbars.



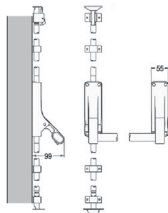
RIM PANIC LATCH

Surface mounted, single point rim panic latch.



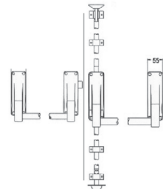
MORTICE PANIC NIGHT LATCH

A mortice night latch operated by an internal crossbar, providing medium security. Can be fitted with external cylinder as shown, to give external access whilst still self locking.



TWO POINT PANIC BOLT

Surface mounted, two point bolting panic with a full width internal crossbar.



DOUBLE DOOR ESCAPE

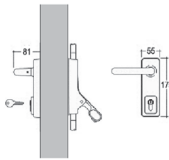
The standard option for rebated double doors. The combination of panic latch on the active leaf and a bolt on the inactive one allows independent escape.



OUTSIDE KEY ACCESS

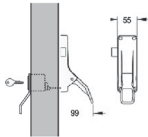
Escape door furniture can be fitted with a number of options for access from outside. EN179 & EN1125 door furniture is primarily designed as a means of escape and even when fitted with outside access should not be used as the main access door.

For high frequency access the best results will be those based on mortice lockcases, such as escape sashlock or night latch, but they will be a compromise between ease of escape and practical durable access.



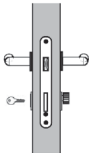
SURFACE MOUNTED OUTSIDE KEY ACCESS WITH LEVER

Supplied as standard with a Euro single cylinder for use with panic latches, pads and bolts. Suitable for infrequent access and secondary to escape. When in the locked position the lever cannot be operated. When un-locked it will remain active until re-locked. Unit can be fitted with a knob in lieu of lever but will then not comply with the DDA Regs .



ROUND RIM CYLINDER WITH CYLINDER PULL

A budget alternative to the above. The main functional difference is the door will re-secure each it is closed, a key being required to open it.



EURO CYLINDER

The mortice locks in the panic range can be fitted with a Euro cylinder to provide outside key access.

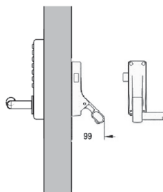
Single Euro Cylinder: For use with Rim Panic Push Pad Night Latch and the Escape Night Latch. The door will always be secure as the key extracts the latches allowing egress but is re-secured every time it is locked.

Double Euro or Euro Cylinder & Turn: For use with the Escape Sashlock. Once opened the door remains unlocked for egress until re-locked.

ACCESS CONTROLLED EXTERNAL ACCESS

The panic latch or panic pad can be fitted with a mechanical keypad to allow controlled access outside without the need for a key. The keypad does not interfere with the escape function of the inside panic unit but cannot be used with panic bolts.

Panic latches and pads are primarily designed as a means of escape and should not be used as high frequency access doors. Care should be taken when specifying this combination.



MECHANICAL KEY PAD

The Mechanical Key Pad is a panic bar internally operating a mortice latch-bolt complete with a stainless steel lever externally controlled by a 5-digit key code.



OUTA-DOR Premio

The generation of steel doors for Europe



Manufactured by Novoferm, OUTA-DOR Premio is the generation of steel doors for Europe, developed in line with European product standard EN 16034: 2014.


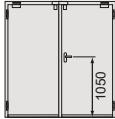
Regardless of whether an El230, El290 or El260 (which is currently in development) is needed, Premio covers the full range of requirements - fire resistance, soundproof or security rating. With it's huge choice of design, engineering and assembly variants, OUTA-DOR Premio is just the door for you - it is, quite simply, the door that meets all requirements.

> OUTA-DOR Premio El 230

		OUTA-DOR PREMIO El230-1 1 Leaf		OUTA-DOR PREMIO El230-2 2 Leaves	
Models					
	Classified Dimensions	Coordinating size (BRM)	Width min. - max.	500 - 1,375 (416 - 1,291)	1,170 - 2,500 (1,086 - 2,416)
(clear passage dimensions (CP))		Height min. - max.	715 - 2,500 (673 - 2,458)	1,750 - 2,500 (1,708 - 2,458)	
with top panel		Max. height	3,500	3,500	
of which: door		Max. height	2,500	2,500	
Smokeproof door with top panel		Max. BRM	3,500	3,500	
Door Leaf	Thickness, approx		64	64	
	Sheet thickness, approx		1.0 (optionally 1.5)	1.0 (optionally 1.5)	
	Active leaf	Width min. - max.	■	665 - 1,228	
	Inactive leaf	Width min. - max.	■	525 - 1,228	
Versions	Heat insulated, full leaf, all sill models (Ucl per door unit W/m²k)		1.5	1.5	
	Fire resistance - tested to EN 1634-1		●	●	
	With fire-resistant glazing ¹⁾		●	●	
	Also with smoke protection		●	●	
	Also soundproof (with lowerable floor seal, without glass, lab values as per EN ISO 717-1)		Approx. 40 dB R _{wP}	Approx. 39 dB R _{wP}	
	Also burglar resistant as per EN 1627 (Full leaf, tested on both sides) ²⁾		RC2/RC3	RC2/RC3	
	Also with Novoferm design finish	Max. BRM (Clear passage dim.)	1,250 x 2,250 (1,166 x 2,208)	2,500 x 2,250 (2,416 x 2,208) (Max. Leaf width 1,250)	
	Certification in line with the EN 16034 or ETA 17/0443		CE	CE	

● Possible ■ Not possible BRM = Coordinating size RAM = Outer frame dimension CP = Clear passage dimensions All dimensions in mm
 1) Glass for indoor use only (protect against UV light and direct halogen radiation). Glass can only be used within a temperate range of -20 to +45°C.
 2) Not classified for versions with top panels.

> OUTA-DOR Premio El2 90

		OUTA-DOR PREMIO El2 90-1 1 Leaf	OUTA-DOR PREMIO El2 90-2 2 Leaves
Models			
	Coordinating size (BRM) (clear passage dimensions (CP))	Width min. – max. Height min. – max.	1,170 - 2,500 (1,086 - 2,416) 1,750 - 2,500 (1,708 - 2,458)
Classified Dimensions	with top panel	Max. height	—
	of which: door	Max. height	—
	Smokeproof door with top panel	Max. BRM	—
	Thickness, approx	64	64
Door/Leaf	Sheet thickness, approx	1.0 (optionally 1.5)	1.0 (optionally 1.5)
	Active leaf	Width min. – max.	665 - 1,228
	Inactive leaf	Width min. – max.	525 - 1,228
Versions	Heat insulated, full leaf, all sill models (Ud per door unit W/m ² k)	1,7	1,8
	Fire resistance - tested to EN 1634-1	•	•
	With fire-resistant glazing ¹⁾	•	•
	Also with smoke protection	•	•
	Also soundproof (with lowerable floor seal, without glass, lab values as per EN ISO 717-1)	Approx. 39 dB R _{WP}	Approx. 39 dB R _{WP}
	Also burglar resistant as per EN 1627 (Full leaf, tested on both sides) ²⁾	RC2/RC3	RC2/RC3
	Also with Novoferm design finish	Max. BRM (Clear passage dim.)	2,500 x 2,250 (2,416 x 2,208) (Max. Leaf width 1,250)
Certification in line with the EN 16034 (exterior use under development) or ETA 17/0443		CE	CE

• Possible ■ Not possible BRM = Coordinating size RAM = Outer frame dimension CP = Clear passage dimensions All dimensions in mm
 1) Glass for indoor use only (protect against UV light and direct halogen radiation). Glass can only be used within a temperature range of -20 to +45°C.
 2) Not classified for versions with top panels.

> 2140B UNIVERSAL FRAME PROFILE

Complete with smoke and fire protection (El2 30 / El2 90), soundproofing and burglar-resistance, the 2140B universal frame is a two part wrap around door frame.

Quick to fix in place and clean and easy to backfill*, you can turn virtually any idea into reality with the 2140B universal frame. According to the classification report, only the front skin of a frame must be backfilled, while the counter skin can be left empty.

*Frame must be backfilled with Mortar to ensure EI fire rating.
 Pre filled frames are available at an extra cost.



For more information on OUTA-DOR Premio, please speak to our sales office or go to our website.

> STANDARD PPC COLOUR CHART

 RAL 1021 RAPE YELLOW	 RAL 3000 FLAME RED	 RAL 3020 TRAFFIC RED	 RAL 5002 ULTRAMARINE BLUE	 RAL 5003 SAPPHIRE BLUE
 RAL 5005 SIGNAL BLUE	 RAL 5010 GENTIAN BLUE	 RAL 5011 STEEL BLUE	 RAL 5012 LIGHT BLUE	 RAL 5015 SKY BLUE
 RAL 5024 PASTEL BLUE	 RAL 6002 LEAF GREEN	 RAL 6003 OLIVE GREEN	 RAL 6005 MOSS GREEN	 RAL 7000 SQUIRREL GREY
 RAL 7004 SIGNAL GREY	 RAL 7005 MOUSE GREY	 RAL 7011 IRON GREY	 RAL 7012 BASALT GREY	 RAL 7015 SLATE GREY
 RAL 7016 ANTHRACITE GREY	 RAL 7021 BLACK GREY	 RAL 7022 UMBRA GREY	 RAL 7024 GRAPHITE GREY	 RAL 7030 STONE GREY
 RAL 7035 LIGHT GREY	 RAL 7037 DUSTY GREY	 RAL 7038 AGATE GREY	 RAL 7039 QUARTZ GREY	 RAL 7040 WINDOW GREY
 RAL 7042 TRAFFIC GREY A	 RAL 7043 TRAFFIC GREY	 RAL 8004 COPPER BROWN	 RAL 8019 GREY BROWN	 RAL 9002 GREY WHITE
 RAL 9003 SIGNAL WHITE	 RAL 9004 SIGNAL BLACK	 RAL 9005 JET BLACK	 RAL 9006 SILVER	 RAL 9007 GREY ALUMINIUM
 RAL 9010 WHITE	 RAL 9016 TRAFFIC WHITE	 BS 04 E 53 POPPY RED	 BS 08 B 29 VAN DYKE BROWN	 BS 10 A 05 GOOSE WING GREY
 BS 12 B 21 MOORLAND GREEN	 BS 12 B 29 JUNIPER GREEN	 BS 18 B 17 HERON	 BS 18 B 25 MERLIN GREY	 BS 18 E 53 COBALT BLUE

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