UAP
LIMITED

INNOVATIVE DOOR HARDWARE SOLUTIONS

LETTERPLATES

TESTING

Introduction

Prided on product excellence and innovation;
UAP Limited, have an unrivalled reputation for
the products we supply and the service we provide.

As a company we work with industry leading, highly
respected manufacturers, importing the very best
goods from around the globe.

We take care of our customers by providing solutions
to ANY door hardware requirements. This includes
sophisticated door and window security solutions
and attractive decorative furnishings; both for
commercial and domestic needs.

At UAP we are constantly striving to improve on the
products we already supply as well as develop new,
pioneering ranges and practical product solutions.

With an in house testing centre and product developer,
each stage of the development process is thorough,
from the initial design right down to the final product.

In house 3D printing technology allows for further and
more precise advancement of our products which are
then expertly manufactured and put through stringent
testing conditions using in house test equipment –
ensuring all products are designed to the highest
standards.
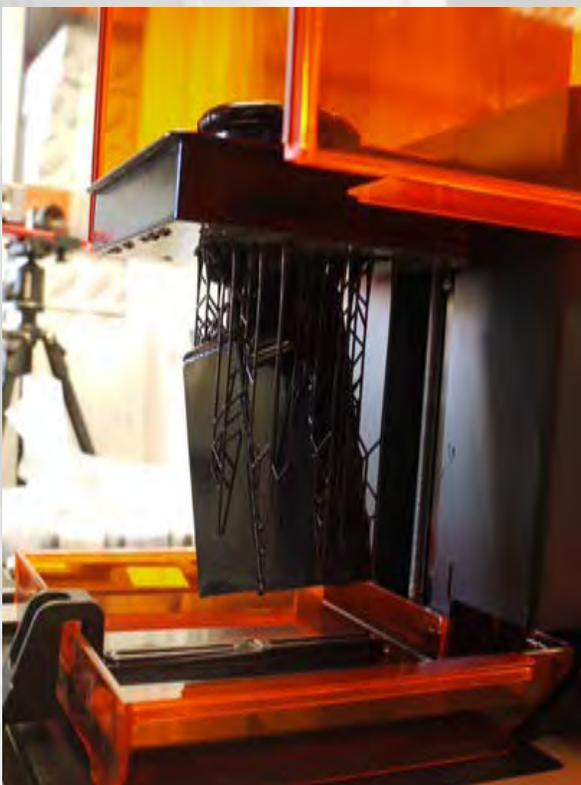
Letterplate Flap Machine

By replicating the action of opening and closing the letterplates flaps, the machine can determine the durability of the hinge mechanism on the product. The flaps are repeatedly opened and closed to ensure they can withstand thousands of openings without snapping or breaking, promising a product that will last much longer than others in the industry.

The process is repeated to 100,000 repetitions - with only 15,000 required by testing standards. Tests are performed in accordance with BS EN 13724:2013.
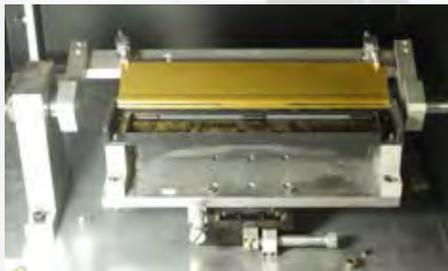
Anti-Fishing Test

This standardised security test measures the ability of a letterplate to resist attack by fishing; a method of gaining keys through a letterbox using a hook.

A letterplate must prevent the accessibility of a hook through it, and this is tested by inserting an aluminium rod, which is 6mm in diameter and 1200mm long, through the letterplate and seeing whether or not it can touch a target of 20mm in diameter, which has been placed on a table on the other side of the door.

If the rod is unable to touch the target, then it passes the technical standard, TS 008:2015. If not then a further test is conducted to see if a disc 0.075kg can be retrieved through the door.

All Weather Testing Machine

When placed in the all-weather machine, the letterplates are subjected to conditions including high UV exposure using a Xenon Arc Lamp which will accelerate UV degradation and measure how well a letterplate can last in extreme conditions.

Other conditions such as rain and extreme heat can be generated by the machine to expose the letterplates to all kinds of environments. This allows us to continually improve the letterplates and make them so they last longer in all kinds of different environments.

Salt Spray Test

This machine tests the corrosion resistance of the letterplates. The salt spray cabinet produces a corrosive environment, by releasing a dense saline fog into the chamber which the letterplates are exposed to. This creates an accelerated corrosion of the letterplate and allows us to test how well the letterplate would stand up in harsher environments.

The letterplates are tested for differing lengths of time depending on the standard requirements; 480 hours for zamak and aluminium based letterplates where we offer a 5 year inland coating guarantee, and in the case of stainless steel Nanocoast letterplates, we test for 2,000 hours where we offer a LIFETIME coating guarantee anywhere in the country, as the door viewers will not pit or rust.

UV Sunlight Test

Used to test the colourfast of anodised letterplates, the UV machine measures the stamina of the letterplate finish, testing how quickly it will fade in sunlight. It does this using UV lights which the letterplates are left under for 2000 hours.

No one wants a letterplate that will quickly fade when exposed to sunlight, and this machine ensures our letterplates can withstand these effects and will look good for longer. We offer a 10 year colour fast guarantee on the anodised letterplates.
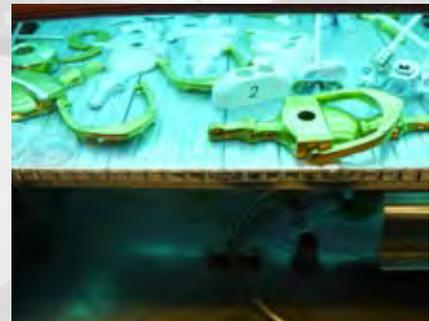
Tensile Strength Test

The tensile strength machine tests the resistance of a material to breaking under tension. It is used to see how well the letterplates perform when pressure is applied to them. The letterplates are attached to pieces of timber or plastic to see how well the fixings perform with the letterplate, which gives a more accurate test on the overall letterplate performance.

Brands

UAP LIMITED

UAP is one of the most widely recognised door hardware brands in the industry. The UAP brand consists of door knockers, door viewers, letterplates, door and window handles, numbers and letters, door locks, euro cylinders, mortice locks, window security and door security products. Every product is innovatively designed and constantly developed to ensure every product is of the highest quality and meets every customers requirements.

More information can be found at www.uapcorporate.com

MAX6MUM SECURITY

MAX6MUM SECURITY is a range door hardware and security products aimed for the retail market. The range consists of blister packed high quality architecturally specified and low cost products that anyone can install to improve home security. MAX6 is fully backed by a huge marketing campaign featuring our brand mascot 'Max' which is perfect for any trade counter or hardware shop.

More information can be found at www.max6.co.uk

TradeLocks

Tradelocks is one of the largest locksmith brands in the UK, providing locksmith tools to gain entry to a number of different domestic locks, cars and safes. Tradelocks supplies domestic locksmiths, auto locksmiths and safe locksmiths, as well as a number of auto recovery companies and government agencies.

More information can be found at www.tradelocks.co.uk

GENUINE LISHI THE PROFESSIONAL'S CHOICE — TOOLS BUILT FOR LIFE

Genuine Lishi is one of the most recognised and trusted vehicle opening tool brands in the World. Genuine Lishi is supplied and distributed to over 80 countries, and is high sought after due to its high quality and innovative products, including the brand new NightVision 3 in 1 picks and decoders.

More information can be found at www.genuinelishi.com

48 Hour Delivery Policy*
Our 48 hour delivery promise is targeted on all stocked products.

5 Year Product Guarantee
All products inside this brochure come with up to a 5 year guarantee except the Nanocoast® range which is a lifetime coating guarantee.

Salt Spray Testing
All of our products in this catalogue have been salt spray tested to ASTM B117 for 480 hours, apart from the Nanocoast® range which has been salt spray tested for 2,000 hours.

Anodised Coatings
The anodised coating used on our Aluminium products conform to ISO 7599 AA15 and comes with a 10 year colour fastness guarantee.

Guarantee
The guarantees mentioned in this brochure are for guidance only and unless otherwise stated, only relates to products being used in inland areas which are defined as 25 miles from the coast, or 5 miles from highly polluted industrial areas. Please ask your UAP account manager for copies of the guarantee wording covering your product of interest and please talk to your account manager about any specific application you might have.

*48 hours means 2 working days. Product colours may vary slightly from the actual photograph.

Our Nanocoast® range of products are specifically designed for areas which are within a 25 mile radius of the coast, or within 5 miles of highly populated industrial areas. Made from 304 grade stainless steel, each product in the range has been salt spray tested to ASTM B117 for 2,000 hours, and comes with an industry first LIFETIME coating guarantee, as the products will not pit, rust or corrode no matter what environments you put them in!

Why Have We Used 304 Grade Stainless Steel?

We believe 304 grade stainless steel is the perfect grade of stainless steel to use at the coast for the cost price versus performance of the products. 304 grade is an austenitic stainless steel, containing 18% chromium and 8% nickel, and also a low carbon content. Due to this it has an excellent corrosion resistance in a wide variety of environments, and has good resistance to oxidation.

Downgrading the stainless steel quality to a 200 series grade stainless steel, means that even though they have similar mechanical and physical properties to the 304 grade, there is decreased nickel content. The nickel is replaced by manganese which results in weak corrosion resistance, and high carbon content leaves the stainless steel susceptible to stress corrosion cracking. Upgrading to 316 grade stainless steel is a lot more expensive that 304 grade stainless steel, which will dramatically put up the price of products, and only slightly increases the corrosion resistance as it contains 18% chromium and 10% nickel. However it shares similar characteristics to 304 grade stainless steel in resistance to oxidation and durability. 316 grade is usually used when you need a higher resistance to solutions such as sulfuric acid and chlorides at high temperatures.

Features and Benefits

• All products made from 304 grade stainless steel
• Salt spray tested to ASTM B117:2005 for 2,000 hours
• LIFETIME coating guarantee ANYWHERE in the country
• Doesn't rust or pit at the coast
• Huge range of suited and colour matched products
• Available in 3 finishes:
  Mirror Polished, PVD Gold and Satin Stainless
• Competitively priced

The iPlate® has been designed to be the most up to date and relevant letterplate in the industry. We consulted with the Royal Mail during the design to make it the safest letterplate on the market. The iPlate® is targeted at all door manufacturers and fabricators wanting to offer 21st Century features including:

Totally Frameless & Slim Design – There is no frame on the letterplate, making it look very modern. The thickness of the letterplate is also the slimmest back to front dimension in the industry.

Soft, Flexible Brushes – The brushes are made from plastic, and are moulded in to remove the lost brush issues on inferior products.

Click to Close Feature – This Patent Pending design uses magnets to keep the letterplate closed and secure.

Gravity Close Mechanism – This unique Patent Pending design stops the flap slamming down, preventing fingers being caught.

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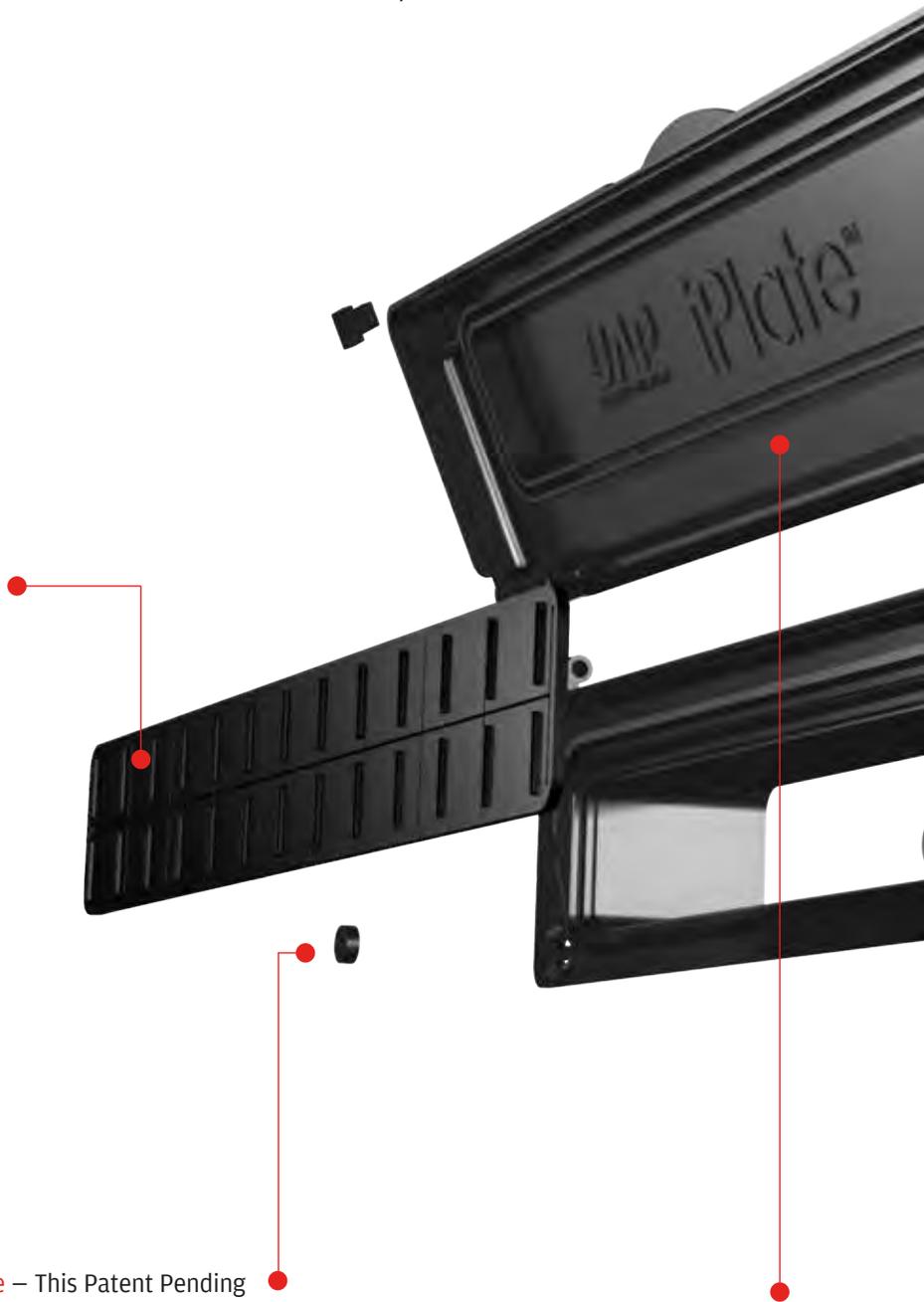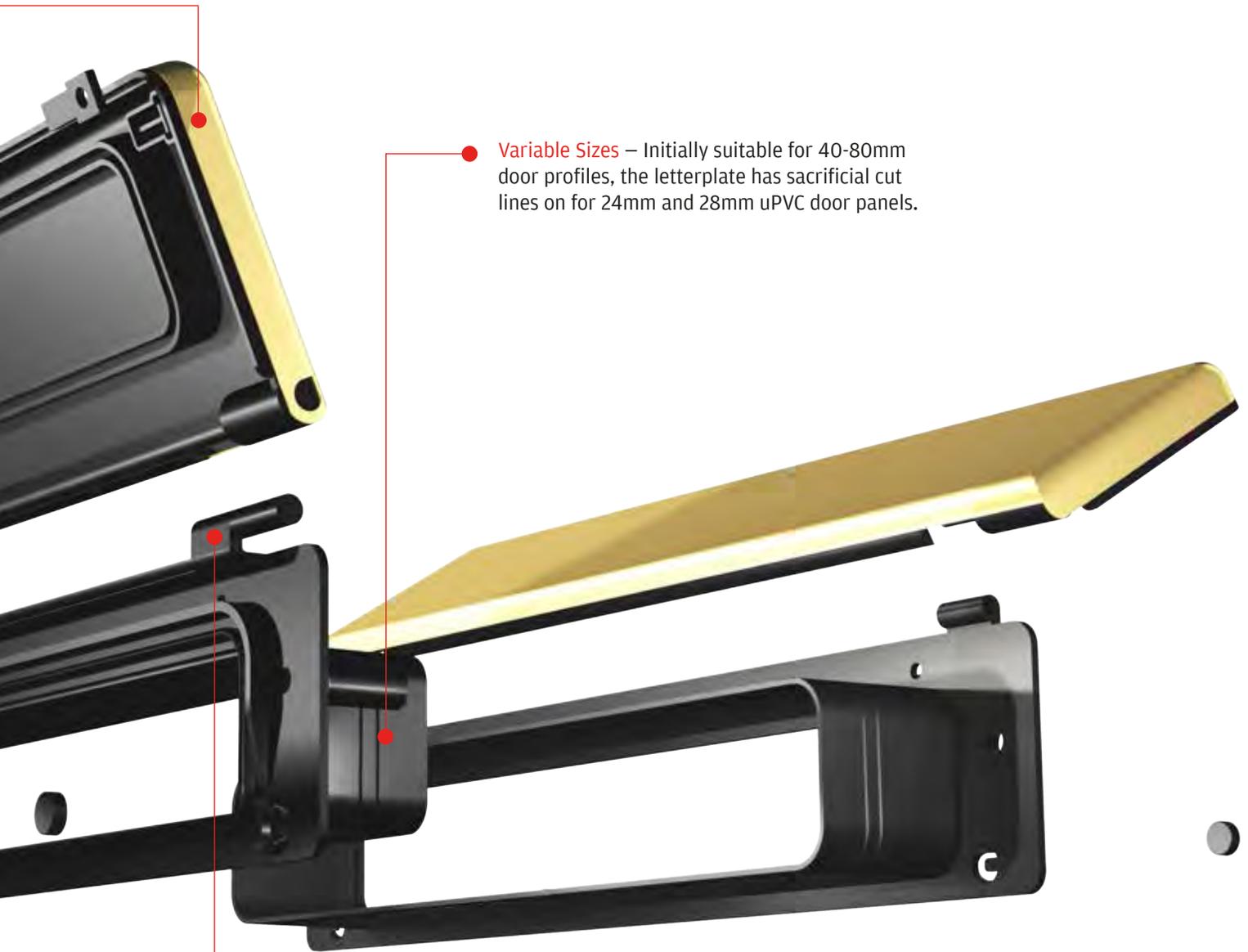
Variable Sizes – Initially suitable for 40-80mm door profiles, the letterplate has sacrificial cut lines on for 24mm and 28mm uPVC door panels.

Unique Un-Sprung Hinge – As the letterplate uses no springs, and uses gravity to close the letterplate, it eliminates the 'broken spring' syndrome.

i-Plate®

For 24–80mm Door Profiles

257 mm

75 mm

42 mm

280 mm

310 mm
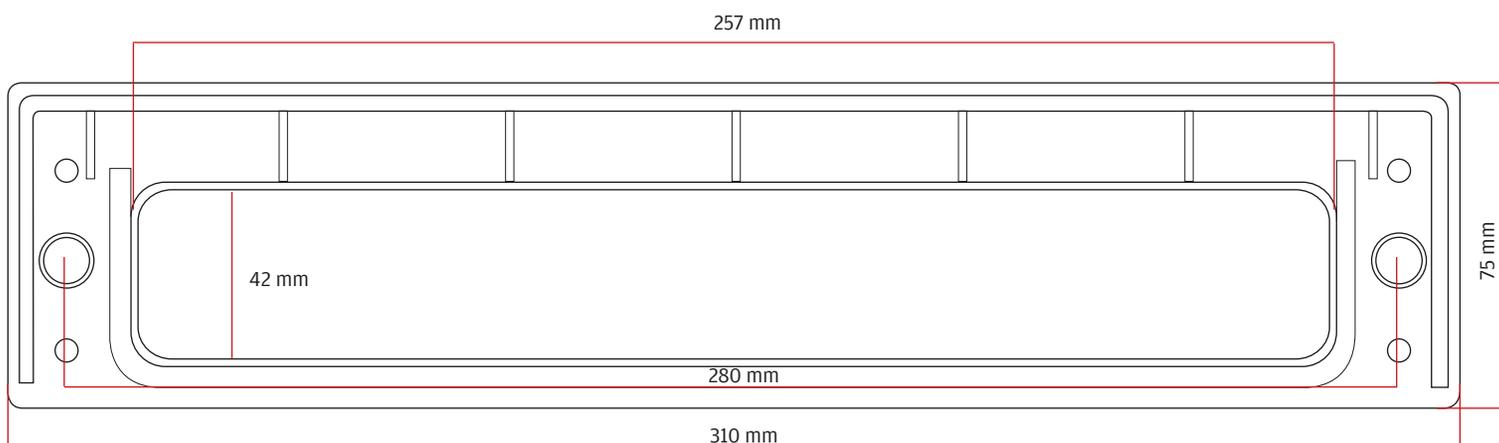
iPlate®

Finishes	Product Code	Material Construction	Coating Guarantee
Gold Anodised	IPLATEGA	Aluminium	10 Years Colour Fast
Silver Anodised	IPLATESA	Aluminium	10 Years Colour Fast
Black Powder Coat	IPLATEB	Aluminium	10 Years Colour Fast
White Powder Coat	IPLATEW	Aluminium	10 Years Colour Fast
PVD Gold	IPLATEPVDG-NANOCOAST	Stainless Steel	Lifetime
Mirror Polished	IPLATEMPSS-NANOCOAST	Stainless Steel	Lifetime
Satin Stainless	IPLATESSS-NANOCOAST	Stainless Steel	Lifetime

Sizes	
Distance Between Screw Holes	280mm
Letterplate Length	310mm
Letterplate Height	75mm
Letterplate Width	24-80mm
Cavity Hole Size	257mm x 42mm

Available in

nanocoast hardware
Lifetime Coating Guarantee

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Black Powder Coat

Gold Anodised

PVD Gold

Mirror Polished

Silver Anodised

Satin Stainless

White Powder Coat

DOORMASTER®

For 40–80mm Door Profiles

The all New DOORMASTER® letterplate range is ideal for customers wanting a more modern and contemporary looking letterplate. The DOORMASTER® range consists of an enclosed, rounded flap set against a shallower frame, giving a less intrusive but sleek feel to the door or frame.

DOORMASTER® still retains the best elements of the ever popular Framemaster® range including brushes to the outside, 180 degree flap opening and available in 250mm (10") and 300mm (12") sizes. It also conforms to the requirements of EN13724.
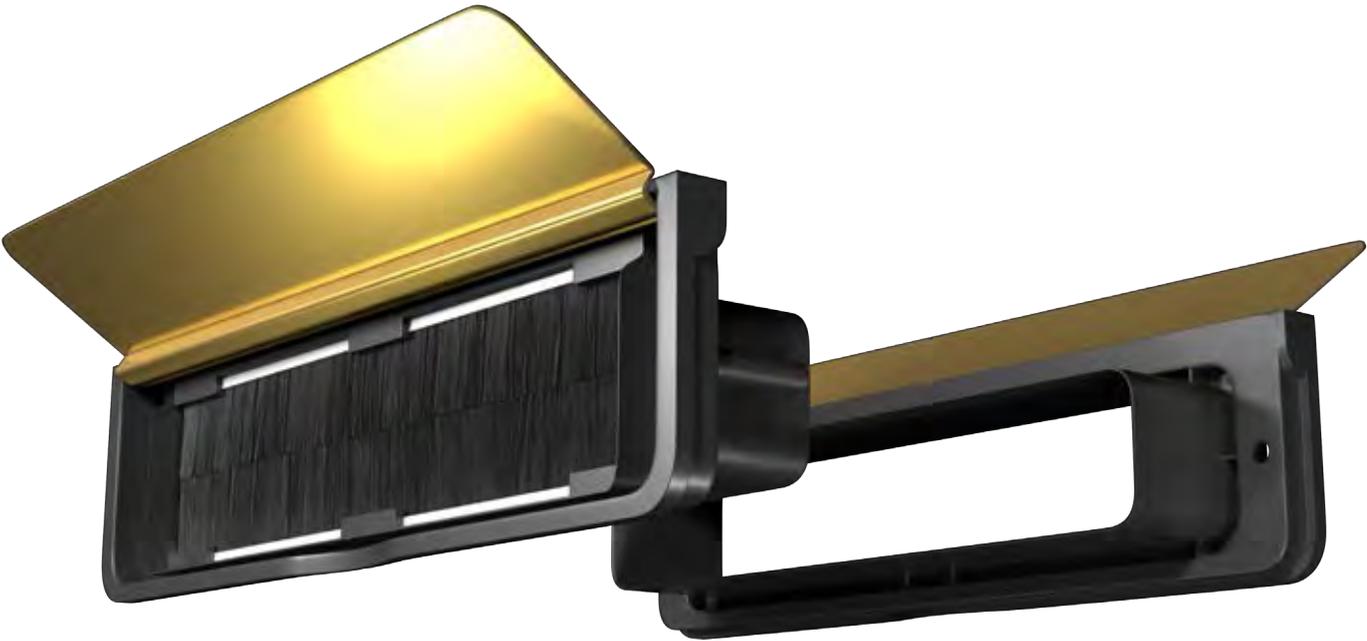
Doormaster®

Finishes	Product Code 10"	Product Code 12"	Plastic Frame Colour	Flap Material	Coating Guarantee
Gold Anodised	DMB1048G	DMB1248G	Black	Aluminium	5 Years
Silver Anodised	DMB1048S	DMB1248S	Black	Aluminium	5 Years
Black Powder Coat	DMB1048B	DMB1248B	Black	Aluminium	5 Years
White Powder Coat	DMB1048W	DMB1248W	Black	Aluminium	5 Years
Polished Silver	DMB1048PS	DMB1248PS	Black	Aluminium	5 Years

12" Sizes	
Distance Between Screw Holes	280mm
Letterplate Length	310mm
Letterplate Height	75mm
Letterplate Width	24-80mm
Cavity Hole Size	250mm x 42mm

10" Sizes	
Distance Between Screw Holes	226mm
Letterplate Length	250mm
Letterplate Height	65mm
Letterplate Width	Plastic
Cavity Hole Size	205mm x 39.75mm

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Polished Silver

Gold Anodised

Silver Anodised

Black Powder Coat

White Powder Coat

Anti–Vandal™ Letterplates

180˚ opening

Outward facing,
draft proof brushes

Our Anti-Vandal™ letterplates are one of the only letterplates in the industry to be awarded 'Secured by Design' certification. Each letterplate has been engineered to provide features not found in any other letterplates, each incorporating the following features:

Anti-Vandal™ – We are the only letterplate in the industry to have the brushes outward facing on the exterior flap. By doing this, it has three huge advantages:

Draught Proofing – It allows for better draught installation, as it stops the draught at the point of entry instead of allowing it to get into the central cavity before trying to stop it.

Navigation – It makes it a lot easier for letters to be posted through the door as the brushes can easily be located therefore stopping letters being scrunched up.
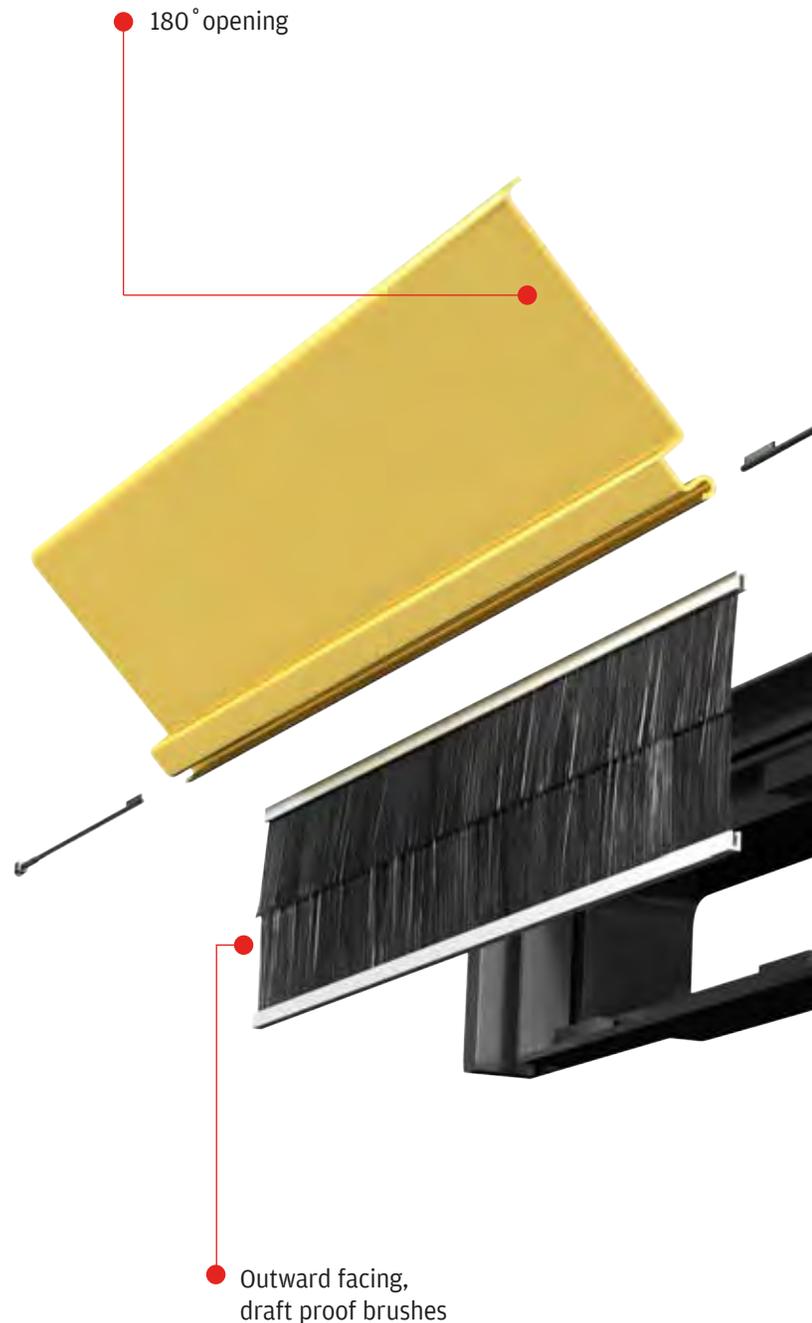
Limits Access to the Cavity – As the brushes are at the front, it acts as a visual deterrent against vandals who want access to the cavity to place unwanted items in there such as fireworks etc.

Anti-Snap – All of our letterplates open 180 degrees, meaning that they won't snap off when they are opened too far (the problem with all 90 degree opening letterplates).

Each letterplate has ultra-flexible springs which can withstand thousands of openings without breaking. An internal water seal also prevents water getting into the door, as water travels along the cavity and down the side of the letterplate, meaning post does not get wet.

Anti-Burglar – Blind bolts to the exterior of the letterplate prevent the outer frame being unscrewed from the door externally.

Anti-Scratch – The plastic frame letterplates have a matt coated frame. This helps to conceal any scratches that may be caused by screwdrivers during installation, which are visible on shiny finishes.

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Ultra—flexible springs

Screw boss to
guide screws in

Internal water seal

Matt etched frame

Sleeve designed for
different door thickneses

Blind bolts
to the exterior

Anti-Vandal

As the brushes are at the front, it acts as a visual deterrent against vandals who want access to the cavity to place unwanted items in there such as fireworks etc.
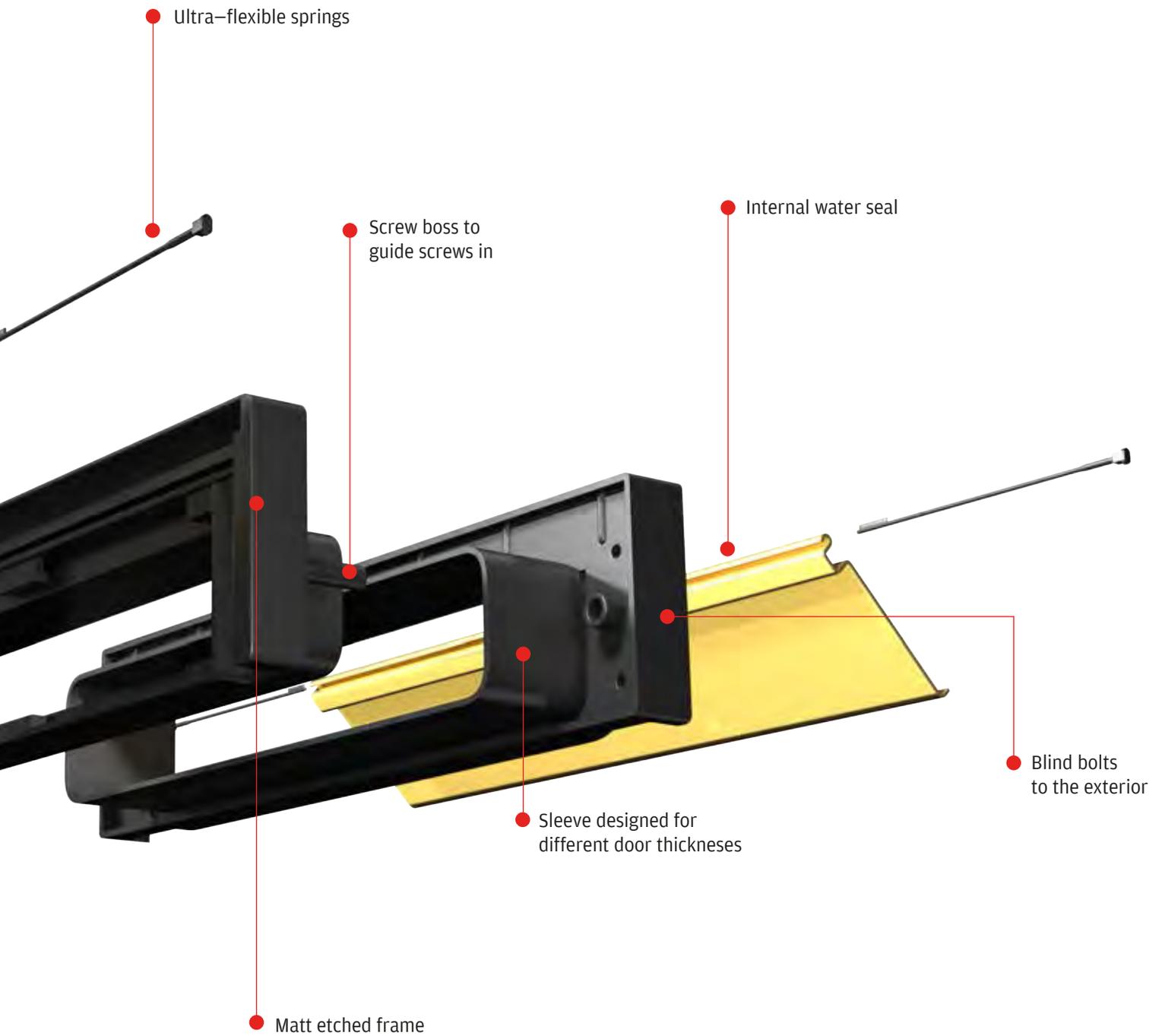
12" All Stainless Steel Letterplates
For 40–80mm Door Profiles

Finishes	Product Code	Material Construction	Coating Guarantee
PVD Gold	FMSS1248PVDG-NANOCOAST	Stainless Steel	Lifetime
Mirror Polished	FMSS1248MPSS-NANOCOAST	Stainless Steel	Lifetime
Satin Stainless	FMSS1248SSS-NANOCOAST	Stainless Steel	Lifetime

Sizes	
Distance Between Screw Holes	272mm
Letterplate Length	300mm
Letterplate Height	76mm
Letterplate Width	40-80mm
Cavity Hole Size	257mm x 39.75mm

Available in

Lifetime Coating Guarantee

Secured by Design

Police Preferred Specification

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Mirror Polished

PVD Gold

Satin Stainless

Mirror Polished

12" All Aluminium Letterplates
For 40–80mm Door Profiles

257 mm

39.75 mm

272 mm

300 mm

76 mm

Finishes	Product Code	Material Construction	Coating Guarantee	Sizes		
Gold Anodised	FMG1248G	Aluminium	10 Years Colour Fast	Distance Between Screw Holes		272mm
Silver Anodised	FMS1248S	Aluminium	10 Years Colour Fast	Letterplate Length		300mm
White Powder Coat	FMW1248WALU	Aluminium	10 Years Colour Fast	Letterplate Height		76mm
Black Powder Coat	FMB1248BALU	Aluminium	10 Years Colour Fast	Letterplate Width		40-80mm
Polished Silver	FMPS1248PS	Aluminium	5 Years inland	Cavity Hole Size		257mm x 39.75mm

10 Year Colour fast

Secured by Design

SBD

Police Preferred Specification

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Black Powder Coat

Silver Anodised

White Powder Coat

Polished Silver

Gold Anodised

12" Framemaster Letterplates
For 20–40mm and 40–80mm Door Profiles

39 mm Sleeve Height

39mm cavity requires a 39.75mm door cut height. This is under the 40mm maximum for the standard, so someone's arm can't fit through.
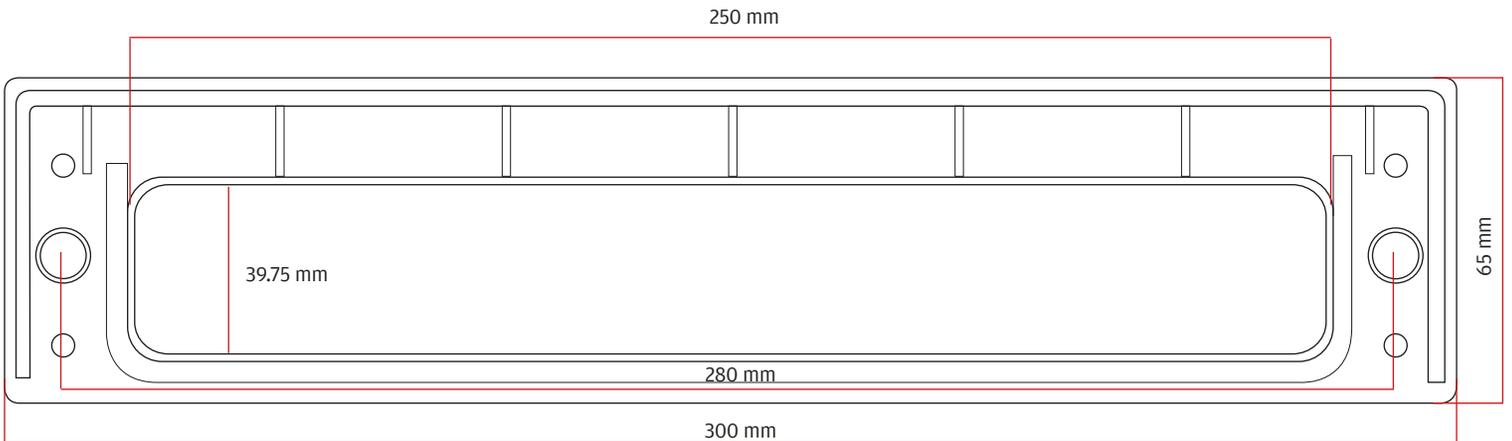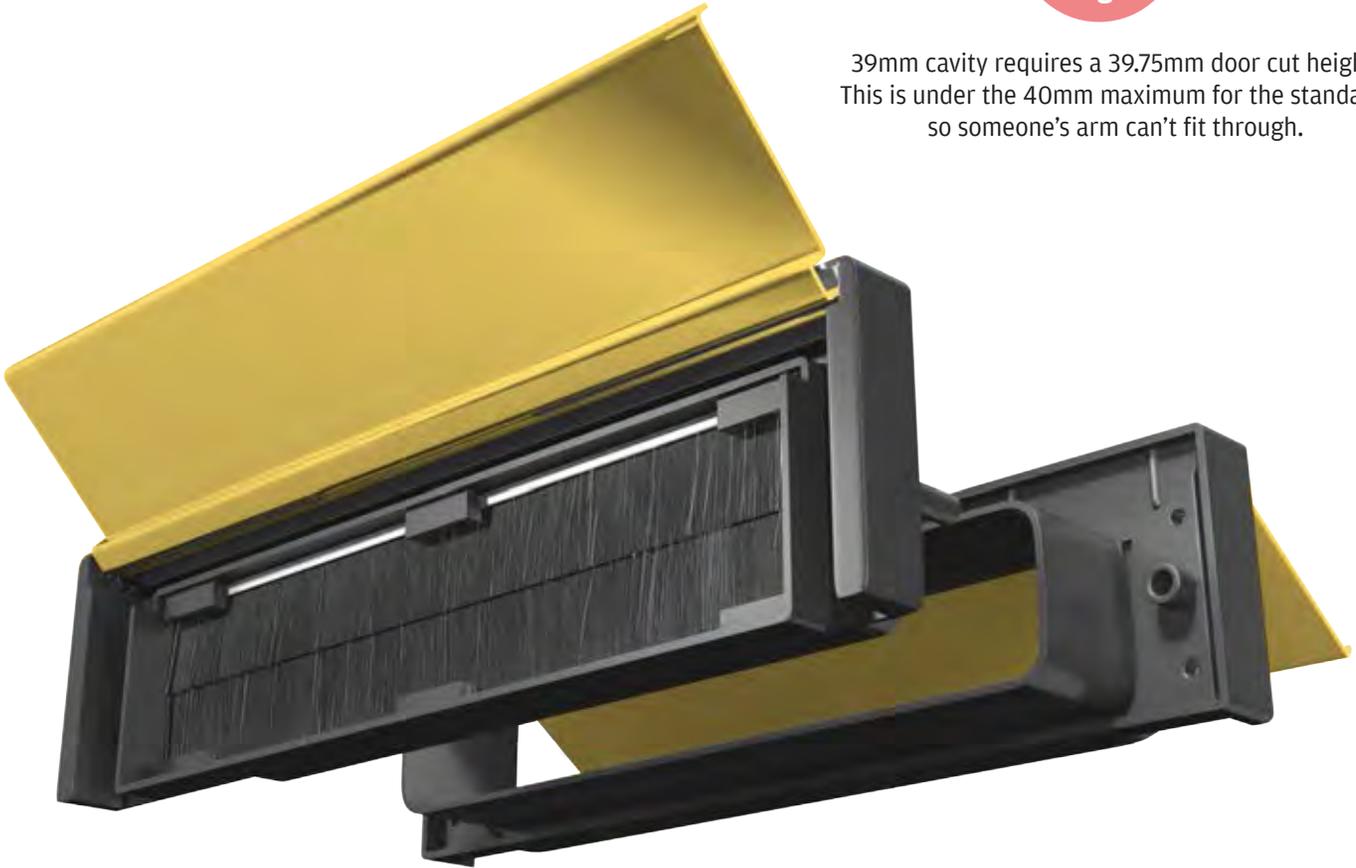
250 mm

39.75 mm

280 mm

300 mm

65 mm

Finishes	Product Code 20-40mm	Product Code 40-80mm	Plastic Frame Colour	Flap Material	Coating Guarantee
Gold Anodised	FMB1224G	FMB1248G	Black	Aluminium	5 Years
Silver Anodised	FMB1224SA	FMB1248SA	Black	Aluminium	5 Years
White Powder Coat	FMB1224W	FMB1248W	Black	Aluminium	5 Years
Black Powder Coat	FMB1224B	FMB1248B	Black	Aluminium	5 Years
PVD Gold	FMB1224PVDG-NANOCOAST	FMB1248PVDG-NANOCOAST	Black	Stainless Steel	Lifetime
Mirror Polished	FMB1224MPSS-NANOCOAST	FMB1248MPSS-NANOCOAST	Black	Stainless Steel	Lifetime
Satin Stainless	FMB1224SSS-NANOCOAST	FMB1248SSS-NANOCOAST	Black	Stainless Steel	Lifetime
White Powder Coat	FMW1224W	FMW1248W	White	Aluminium	5 Years

| Sizes	
Distance Between Screw Holes	280mm
Letterplate Length	300mm
Letterplate Height	65mm
Frame Material	Plastic
Cavity Hole Size	250mm x 39.75mm

Secured by Design
SBD
Police Preferred Specification

Available in
nanocoast hardware
Lifetime Coating Guarantee

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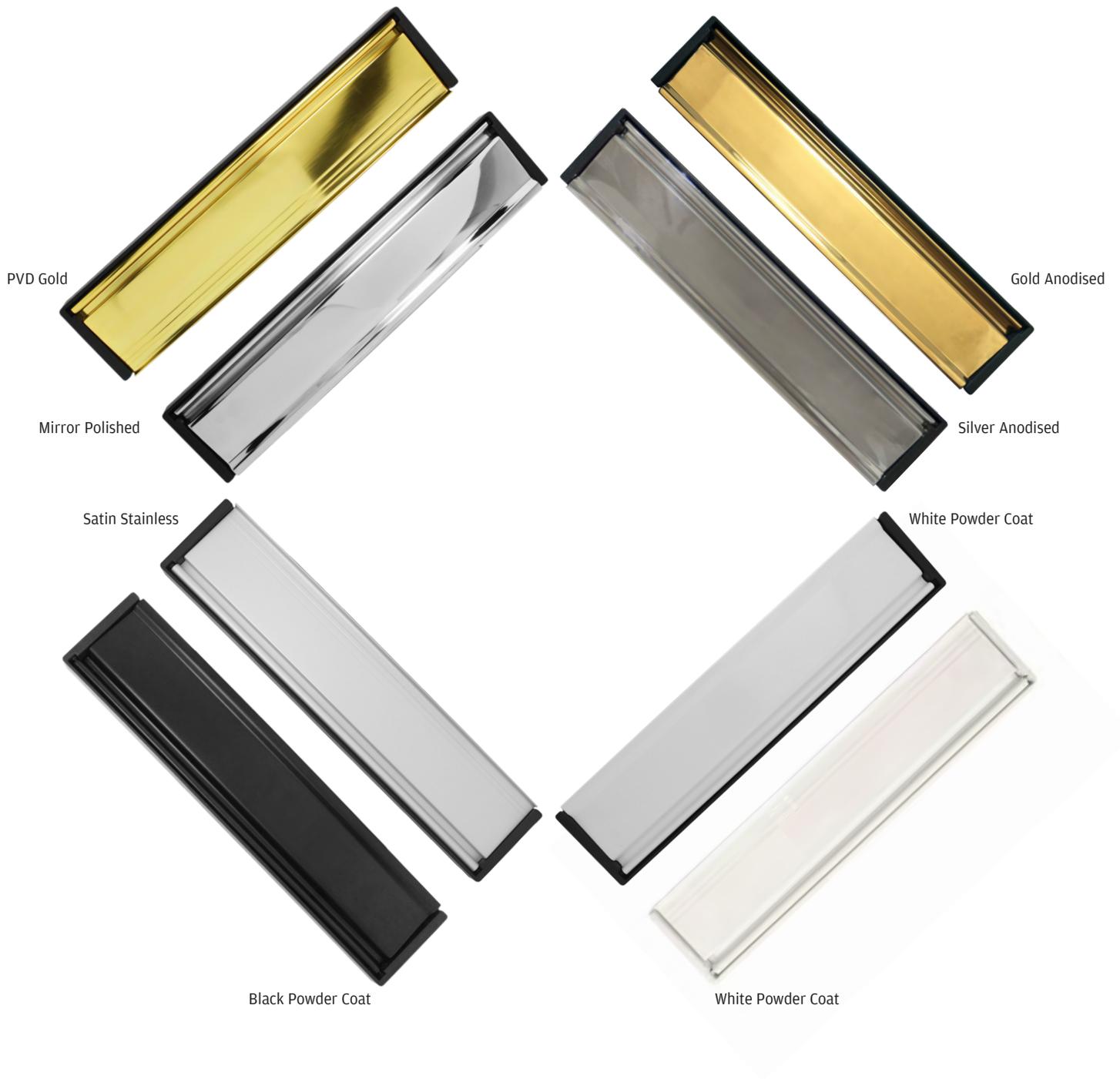
PVD Gold

Gold Anodised

Mirror Polished

Silver Anodised

Satin Stainless

White Powder Coat

Black Powder Coat

White Powder Coat

10" Petitemaster Letterplates
For 20–40mm and 40–80mm Door Profiles

197 mm

65 mm

39.75 mm

226 mm

250 mm

Finishes	Product Code 20-40mm	Product Code 40-80mm	Plastic Frame Colour	Flap Material	Coating Guarantee
Gold Anodised	PMB1024G	PMB1048G	Black	Aluminium	5 Years
Silver Anodised	PMB1024SA	PMB1048SA	Black	Aluminium	5 Years
White Powder Coat	PMB1024W	PMB1048W	Black	Aluminium	5 Years
Black Powder Coat	PMB1024B	PMB1048B	Black	Aluminium	5 Years
PVD Gold	PMB1024PVDG -NANOCOAST	PMB1048PVDG -NANOCOAST	Black	Stainless Steel	Lifetime
Mirror Polished	PMB1024MPSS -NANOCOAST	PMB1048MPSS -NANOCOAST	Black	Stainless Steel	Lifetime
White Powder Coat	PMW1024W	PMW1048W	White	Aluminium	5 Years

Sizes	
Distance Between Screw Holes	226mm
Letterplate Length	250mm
Letterplate Height	65mm
Frame Material	Plastic
Cavity Hole Size	197mm 39.75mm

Available in

nanocoast hardware
Lifetime Coating Guarantee

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Silver Anodised

Black Powder Coat

Mirror Polished

PVD Gold

White Powder Coat

Gold Anodised

White with white frame
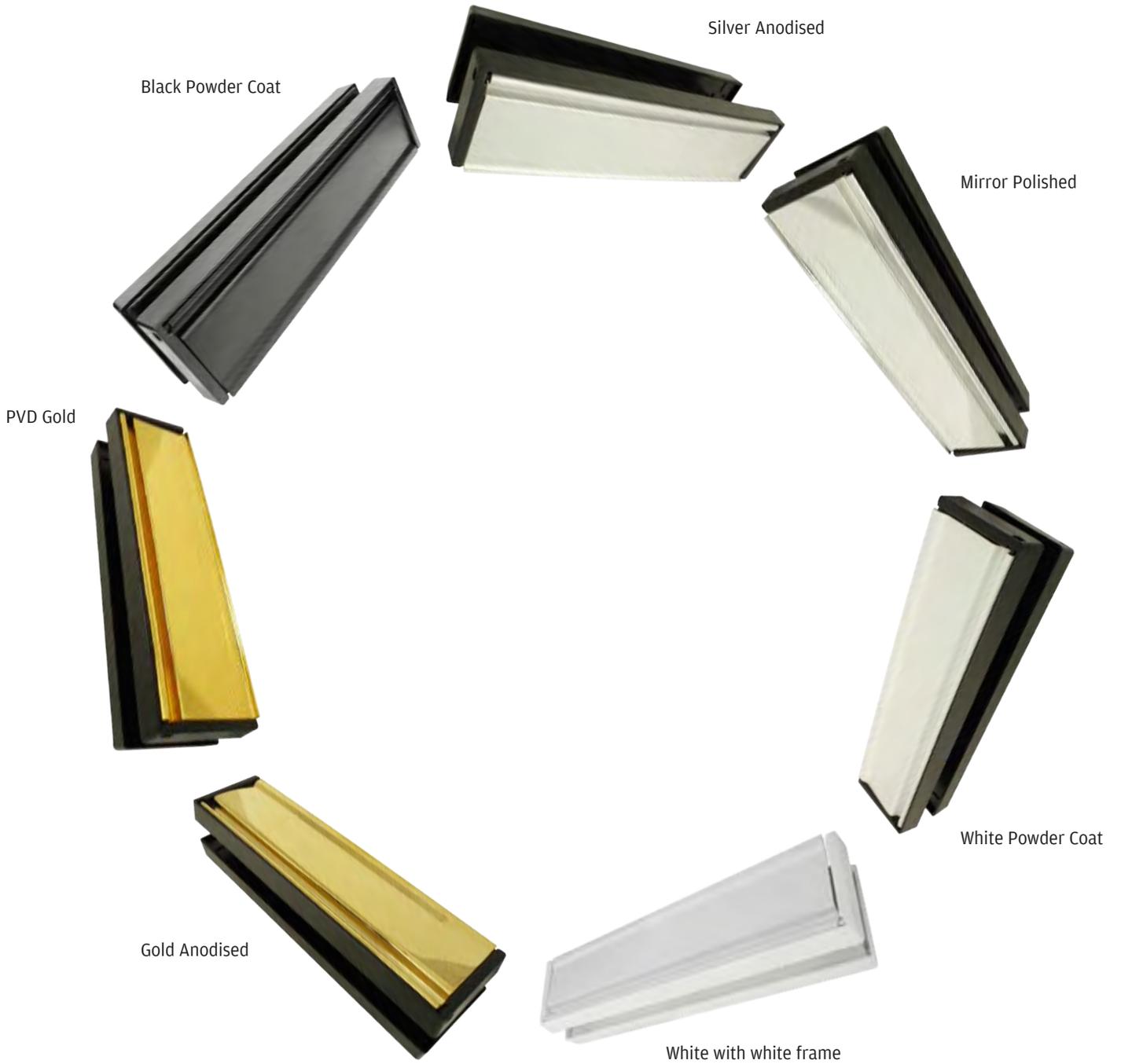
12" Slimline Letterplates
For 40–80mm Door Profiles

Gap wide enough to fit thick
letters and brochures through
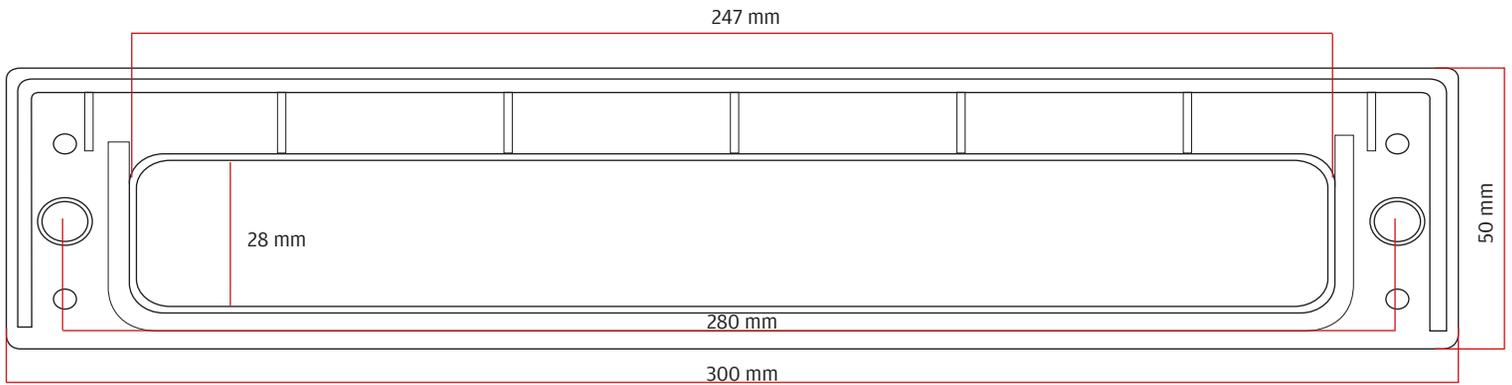
17 mm Postal Height

247 mm

28 mm

50 mm

280 mm

300 mm

Finishes	Product Code 40-80mm	Plastic Frame Colour	Flap Material	Coating Guarantee
Gold Anodised	SLB1248G	Black	Aluminium	5 Years
Silver Anodised	SLB1248SA	Black	Aluminium	5 Years
White Powder Coat	SLB1248W	Black	Aluminium	5 Years
Black Powder Coat	SLB1248B	Black	Aluminium	5 Years
PVD Gold	SLB1248PVDG -NANOCOAST	Black	Stainless Steel	Lifetime
Mirror Polished	SLB1248MPSS -NANOCOzST	Black	Stainless Steel	Lifetime

Sizes	
Distance Between Screw Holes	280mm
Letterplate Length	300mm
Letterplate Height	50mm
Frame Material	Plastic
Cavity Hole Size	247mm x 28mm

Available in

nanocoast hardware
Lifetime Coating Guarantee

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Black Powder Coat

Gold Anodised

PVD Gold

Mirror Polished

Silver Anodised

White Powder Coat
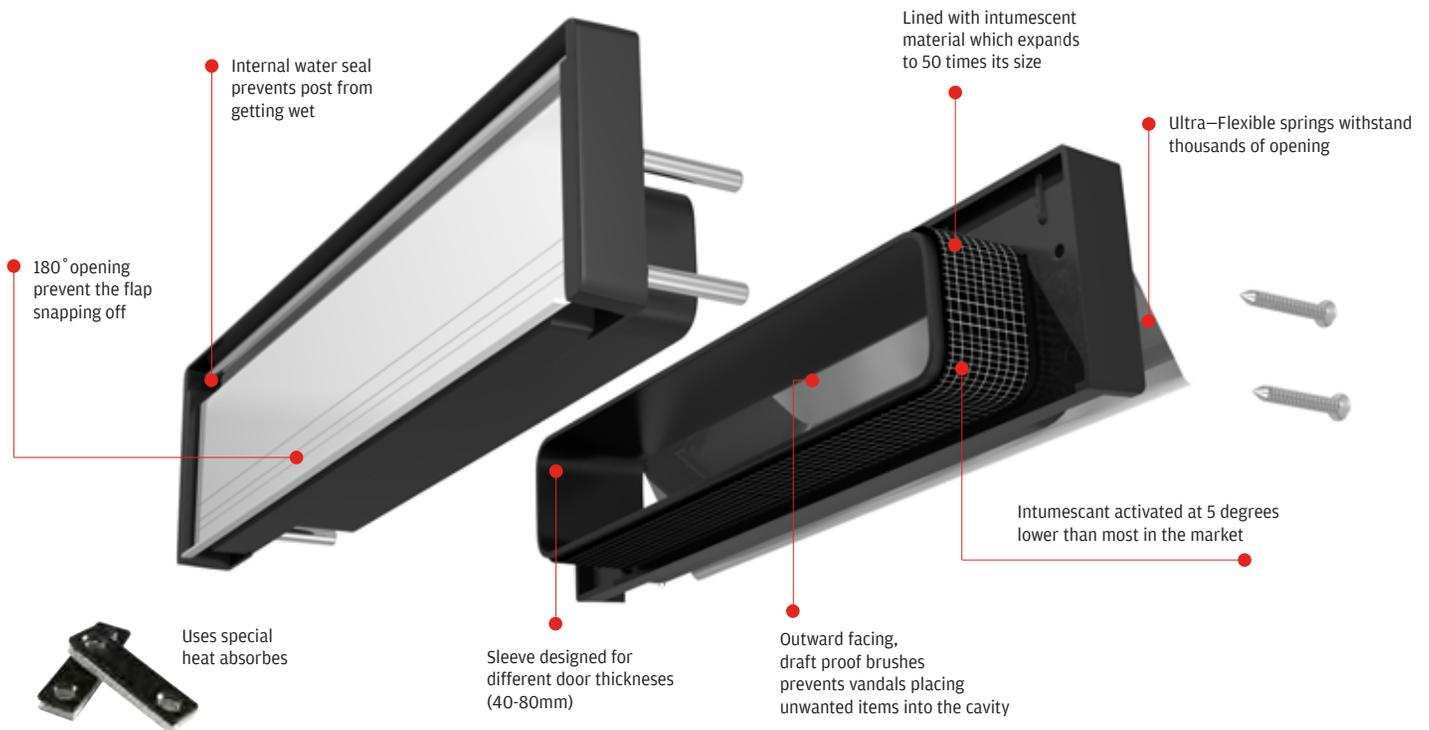
UAP FIRECHECK

Salamander® Framemaster Firecheck

The patent protected Salamander® Fire Check
Letterplates conform to BS/EN 1374:2002 standards

- 4 Fixing Posts
- Fire Retardant Frame
- Heat Protective Fixings
- Instrumescent expands
  50x its own height

Tested on:
- Solid Wooden Doorsets
- Foam Filled Doorsets

Internal water seal
prevents post from
getting wet

Lined with intumescent
material which expands
to 50 times its size

Ultra−Flexible springs withstand
thousands of opening

180˚opening
prevent the flap
snapping off

Intumescant activated at 5 degrees
lower than most in the market

Uses special
heat absorbes

Sleeve designed for
different door thickneses
(40-80mm)

Outward facing,
draft proof brushes
prevents vandals placing
unwanted items into the cavity

Finishes	Product Code 40-80mm	Plastic Frame Colour	Flap Material	Coating Guarantee
Gold Anodised	FMB1248G-FR	Black	Aluminium	5 Years
Silver Anodised	FMB1248SA-FR	Black	Aluminium	5 Years
White Powder Coat	FMB1248W-FR	Black	Aluminium	5 Years
Black Powder Coat	FMB1248B-FR	Black	Aluminium	5 Years
PVD Gold	FCLPVDG-FR -NANOCOAST	Black	Stainless Steel	Lifetime
Mirror Polished	FMB1248MPSS-FR -NANOCOAST	Black	Stainless Steel	Lifetime
Satin Stainless	FCLSSS-FR -NANOCOAST	Black	Stainless Steel	Lifetime

Sizes	
Distance Between Screw Holes	274mm
Letterplate Length	300mm
Letterplate Height	65mm
Frame Material	Plastic
Cavity Hole Size	250mm x 39.75mm

Available in

nanocoast hardware
Lifetime Coating Guarantee

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certifireLetterplate

All Aluminium Letterplates

Black Powder Coat

Mirror Polished

PVD Gold

White Powder Coat

Silver Anodised

Secured by Design
SBD
Police Preferred Specification

Finishes	Product Code	Material Construction	Coating Guarantee	Sizes	
Gold Anodised	FMG1248G-FR	Aluminium	10 Years Colour Fast	Distance Between Screw Holes	272mm
Silver Anodised	FMS1248S-FR	Aluminium	10 Years Colour Fast	Letterplate Length	300mm
Black Powder Coat	FMB1248BALU-FR	Aluminium	10 Years Colour Fast	Letterplate Height	74mm
White Powder Coat	FMW1248WALU-FR	Aluminium	10 Years Colour Fast	Letterplate Width	40-80mm
Polished Silver	FMPS1248PS-FR	Aluminium	10 Years Colour Fast	Cavity Hole Size	257mm x 42mm

30 min Fire Rated

Fire Resistant

10 Year Colour fast

Tested on:
• Solid Wooden Doorsets
• Foam Filled Doorsets

Satin Stainless

nanocoast®
hardware
Resilient to salt air

All Stainless Steel Letterplates

Mirror Polished

PVD Gold

nanocoast hardware
Lifetime Coating Guarantee

Finishes	Product Code	Material Construction	Coating Guarantee	Sizes	
PVD Gold	FMSS1248PVDG-FR-NANOCOAST	Stainless Steel	Lifetime	Distance Between Screw Holes	272mm
Mirror Polished	FMSS1248MPSS-FR-NANOCOAST	Stainless Steel	Lifetime	Letterplate Length	300mm
Satin Stainless	FMSS1248SSS-FR-NANOCOAST	Stainless Steel	Lifetime	Letterplate Height	74mm
				Letterplate Width	40-80mm
				Cavity Hole Size	257mm x 42mm

Stainless Steel

Secured by Design
SBD
Police Preferred Specification

Black Iron Letterplates

The traditional black iron letterplates from UAP has a classic design that is perfect for cottages and period properties, as well as large wooden doors and rustic interiors. Made from solid cast iron, the black iron fleurs de lys and traditional letterplates are durable and have superior strength. Each letterplate can also be fitted with the black iron letterplate tidy plain, which makes the inside of the door look very neat. They are all black powder coated to give a high quality finish.

Black iron hardware is a practical solution for entrance doors in residential and commercial properties. The black iron range is available in a number of different products including front door handles, letterplates, numbers and letters, cylinders and door chains.

Fluer de lys letterplate

Traditional letterplate

Internal letterplate

Product	Product code	Material Construction	Coating Guarantee
Fluer de lys letterplate	LPFDLBK	Iron	5 Years
Traditional Letterplate	LPPLAINBLK	Iron	5 Years
Internal letterplate plain	INTTIDYBLK	Iron	5 Years
		Iron	5 Years

UAP LIMITED

INNOVATIVE DOOR HARDWARE SOLUTIONS

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