

FIRE SAFETY 2023 REGULATION UPDATES

INTRODUCTION

The Government continues to implement new legislation following the Hackett review and Grenfell Tower Inquiry. This has resulted in amendments to the existing Regulatory Reform (Fire Safety) Order 2005 (Fire Safety Order) which governs day to day fire safety. The Fire Safety Act 2021 (FSA 2021) came into force in England in May 2022 and is now fully operational in both England and Wales.

Amidst the publicity associated with the passage into law of the Building Safety Act and the significant challenges it imposes for all operating in the built environment sector, it is important to note that there are also very challenging new fire safety regulations – the Fire Safety (England) Regulations 2022 – which came into force on 23 January 2023, plus further regulations made under the Building Safety Act which came fully into force on 1 October 2023.

The Fire Safety Regulations apply to multi-occupied residential buildings in England only and impose rules for:

- non high-rise buildings e.g. fire safety instructions must be provided to residents
- buildings over 11 metres e.g. annual checks of fire doors must be carried out
- buildings over 18 metres e.g. floor plans must now be provided to Fire and Rescue Services

FIRE SAFFTY ACT FSA 2021

If you own, manage or operate from a building you are likely to be a Responsible Person. If so, you should carefully consider whether the obligations under these Regulations apply to you.

Where you rely on third-party managing agents they will need to be aware of the duties imposed by the Fire Safety Regulations and you must ensure they are obliged, to and are in a position to, action the new requirements, noting that the Regulations are criminally enforced and that the duties they create are non-delegable, meaning you may still face prosecution if things go wrong.

Industry opinion has voiced its concern regarding the capacity of the building safety industry to be able to provide sufficient resource to implement the new checks and reviews required under the Fire Safety Regulations and other recent changes to fire safety legislation. Thought should be given to the availability and competency of personnel when making plans to action requirements of the Fire Safety Regulations.

Given the current and forthcoming requirements of the Building Safety Act (which includes the management of "building safety" risks, including fire safety) and in addition to the existing requirements of fire safety law, consideration should also be given to ensuring competence for existing and future requirements. When reviewing internal or external expertise, consideration should be given to whether the individual or organisation has the necessary technical expertise to evaluate and communicate the relevant control measures, and particularly to determine technical compliance and to devise appropriate controls. In our view, attention will be paid to whether individuals carrying out risk assessments and identifying control measures have recognised industry accreditations.

Examples such as membership of accredited schemes such as NAFRAR or FRACS, and compliance with the latest technical guidance and British Standards, such as PAS 9980, should all be considered when looking for evidence of competence. Competence should be monitored as standards evolve to ensure those engaged remain competent, although if (as appears to be expected) there is a shortage of accredited competent individuals flexibility may have to be employed in assessing competence in the short term – for example by reference to experience rather than formal accreditations.

Owners and duty holders should also be aware of the potential costs following on from the Fire Safety Regulations. For example, if during a check of fire-fighting equipment, it is found to fall short of contemporary fire safety standards, it is likely the Responsible Person will be advised to replace the equipment. Careful consideration should be given to who bears relevant responsibilities for costs under the relevant leases.

PRACTICAL CONSIDERATIONS

"When reviewing internal or external expertise consideration should be given to whether the individual or organisation has the necessary technical expertise to evaluate and communicate the relevant control measures, and particularly to determine technical compliance and to devise controls. In our view, attention will be increasingly paid to whether individuals carrying out risk assessments and identifying control measures have recognised industry accreditations."

PLAN OF ACTION

To help the Responsible Person meet some of those New Duties outlined above we are able to supply you with a range of signs and products that are designed to provide solutions to some of those requirements mentioned.

Fire Action Notices are perhaps the easiest way to convey instructions on what to do if you discover a fire – we have a wide range of options for various scenarios (e.g. does the building have a lift, is the fire service called automatically or does someone need to phone them manually, are there likely to be non-English speaking residents in the building etc). Similarly we offer a wide range of fire door signs to cover multiple scenarios to ensure the correct instructions are provided at each fire door.

*The above information and guidance was supplied by IFSEC Global and by the fire safety team at law firm, Addleshaw Goddard - click here for the full article.

DOES IT APPLY TO YOUR BUILDING?

The new fire safety regulations apply to existing multi-occupied buildings with two or more sets of domestic premises, with various duties applying to buildings of differing heights.

While the legislation will also apply to new buildings when completed, it should also be noted that the Government has updated the Building Regulation's guidance, Approved Document B to meet the recommendations of the Grenfell Tower Inquiry.

This means such buildings face enhanced obligations, and that the Building Safety Act introduces a much tougher building regulations process which will apply in late 2023 to multi-occupied residential buildings that are 18m, or of seven storeys or more.

BUILDING SAFETY ACT 2022: SECTION 156

From 1 October 2023, new fire safety legislation came into effect which imposes new duties on businesses and building owners. The Fire Safety Order is the primary fire safety legislation in England and Wales and it applies to all non-domestic premises as well as the communal parts of residential buildings. Changes to this legislation have been introduced through the Building Safety Act 2022, and represent the next phase of the Government's fire safety reform programme.

The main changes introduced by the legislation are:

The previous requirement to have a written fire risk assessment only applied in certain circumstances (e.g. where the Responsible Person employs five or more persons). This will no longer be the case. If you are the responsible person, then you will need to record both your fire risk assessment and fire safety arrangement in full, regardless of the size or purpose of the business or premises.

In premises where there is more than one Responsible Person (e.g. in multi-occupied premises or buildings where the occupier and building owner are different entities), there are increased requirements for cooperation and coordination between Responsible Persons.

In residential buildings with two or more domestic premises (e.g. blocks of flats) then the responsible owner must provide residents with information on the risks from fire within their building and the fire safety measures provided to keep them safe. This requirement expands upon legislation introduced in January 2023 that required Responsible Persons to provide residents with information on emergency procedures and the importance of fire doors.

For further information on all the changes to legislation and what you need to do to comply, the government has published guidance which is available here.

NEW DUTIES FOR THE RESPONSIBLE PERSON

The provision of information to residents may be achievable by using appropriate signage and products found within this latest brochure.

New duties for multi-occupied residential buildings with two or more sets of domestic premises, the Responsible Person will be required to provide:	Pages:
• Relevant fire safety instructions to residents, including instructions on how to report a fire and what a resident must do once a fire has occurred based on the evacuation strategy for the building	
• Residents with information relating to the importance of fire doors in fire safety	9 - 11
New duties for residential buildings above 11m, the Responsible Person will be required to:	
Provide fire safety instructions and fire door information	5 - 7, 9 - 11
• Undertake annual checks of flat entrance doors and quarterly checks of all fire doors in the common parts	10
New duties for residential buildings of at least 18m or of seven storeys or more, the Responsible Person will be required to:	
Provide fire safety instructions, fire door information, and undertake fire door checks	5 - 7, 9 - 11
• Install and maintain a secure information box in the building, which must contain the name and contact details of the Responsible Person and hard copies of the relevant floor plans	11 , 14 - 15
• Provide up to date electronic floor plans for the local Fire & Rescue Service and store a copy in the Information Box	11/11 10
• Send information regarding the design and materials in the external wall to the Local Fire and Rescue, together with details of any risks and mitigating steps taken	11
• Undertake monthly checks on fire-fighting lifts, evacuation lifts and check the functionality of other key pieces of fire-fighting equipment. Defects will need to be reported	
to the local Fire and Rescue Service as soon as possible if the fault cannot be fixed within 24 hours. Records of the outcome of checks will need to be available to residents	
• Install signage that is visible in low light or smoky conditions. The signage in stairwells must identify the relevant flat and floor numbers	12 · 13



Glows brighter for longer

SEE PAGE 17 FOR MORE INFORMATION

FIRE ACTION SIGNS

Fire action signs are necessary for displaying key information such as evacuation procedures, highlighting hazardous areas and advising the actions to be taken in case of a fire - actions such as phoning the fire brigade, not using lifts and where the fire assembly point is located.

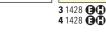
Houses of multiple occupancy (HMO) have strict regulations for fire safety and must always have fire action plans in place. Additionally, legislation requires that all staff & visitors know the fire action procedures for residential and work premises.

FIRE ACTION SIGNS

Automatic Contact | Lift in Building | Input Assembly Point Details



















Brass 150 x 200mm **5** 9529





Automatic Contact | Input Assembly Point Details

Fire action

if you discover a fire

Operate nearest fire alarm point

3 1429 **(3) 4** 1429 **(3)** Ultra Bright

Fire action

if you discover a fire

Contact Fire Service | Input Assembly Point Details

8 1429 **(3**

Contact Fire Service | Lift in Building | Input Assembly Point Details



1 1419 2 1419 📵 8 1419

2 1428 **(3(1)**

8 1428



3 1419 📵 4 1419



Anodised Aluminium 150 x 200mm



4 1408 **(3)**

Brass 150 x 200mm **5** 9539



Fire action



1 1405 **(3) 2** 1405 **(3)** 7 1405 📵 🗓 **8** 1405 **(3**



3 1405 Ultra Bright **4** 1405 **(3)**



1 1420 **(3**(2) **2** 1420 **(3) 8** 1420 (3)

148 x 210mm 3 1420 (3(1) Rigid Plastic **5** 8318

Ultra Bright **4** 1420 **(3(1)**

Self Adhesive Vinyl **5** 8319

Ultra Bright

Photoluminescent signs are charged by light which allow them to glow in the dark if there is a sudden loss of light due to a power outage or thick smoke from a fire is obstructing vision.

Ensuring that signage is clearly visible in blackout conditions can prove the difference between life and death during an emergency evacuation, helping guide people to exits and to essential equipment.

The strength and quality of photoluminescence can vary greatly between manufacturers and for this reason we have introduced our UltraBright brand to give assurance that all our photoluminescent signage exceeds PSPA (The Photoluminescent Safety Products Association) Class C ratings, making it one of the best products in the UK market.

See page 17 for material specifications.

HMO: Communal Notice



1 1415 **(3)** 2 1415 **(3)**

Contact Fire Service | Input Escape Route & Assembly Point Details



 1423 **(3**(**1**) 1423 **(3**(**1**) **5** 1423 1423 **(3**(1)

Adapt-a-Sign 3 1423 215 x 310mm 4 1423

Ultra Bright

Contact Fire Service | Lift in Building | Input Escape Route & Assembly Point Details



1 1432 **(3(1)** 2 1432 **(3(1) 8** 1432 **(3(1)**

5 1432

Adapt-a-Sign 215 x 310mm 4 1432 **3**

Ultra Bright

MULTI-LINGUAL FIRE ACTION SIGNS

Multi-lingual fire action signs highlight important information in different languages, covering safety, emergency exits, assembly points and what to do in the event of an emergency. This information is vitally important to the safety and understanding for all inside a building.







English, French, German



English, Polish

English, French, German







height of between 1.7 and 2 metres from the floor. Fire Action: 150 x 330mm. Call

Point Symbol: 100 x 100mm

Fire action

Photolum Self Adhesive

150 x 330mm

5 8220

Ultra Bright 2 IN 1 SIGNS



Photolum Self Adhesive

150 x 330mm

5 8221

Fire action





Photolum Self Adhesive 150 x 330mm **5** 8223



Photolum Self Adhesive 150 x 330mm **5** 1079



Photolum Self Adhesive 150 x 330mm **5** 8225



Photolum Self Adhesive 150 x 330mm **5** 8222

English, French, German





2 1435 **(3)**





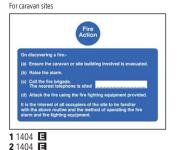




FIRE ACTION SIGNS









2 1406 **F**

FIRE ACTION SIGNS













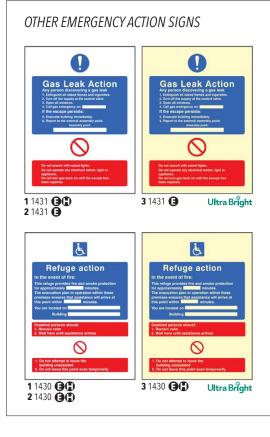


8 1427 **(3**







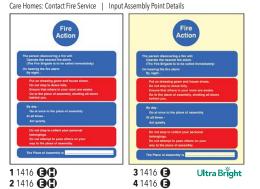




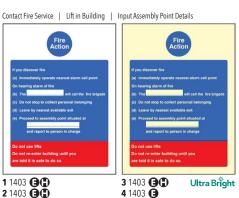
2 1414 (3(1) 8 1414 (3(1))



4 1414 **(3(**







8 1403 **(3**



Exceeds PSPA
Class C ratings

SEE PAGE 17 FOR MORE INFORMATION

FIRE DOOR SIGNS

Fire doors are crucial in preventing the spread of fire and smoke in buildings. All fire exit doors must carry a 'Fire door, keep shut' sign.

This is an example of a 'mandatory' notice, which gives an instruction and must be followed for the building to be safe from fire.

Depending on the type of exits you have, you may also need to provide instructions on how to operate the door, or indicate that it opens automatically.

The Fire Safety Act 2021 clarified that flat entrance doors must be considered in the Fire Risk Assessment (FRA) mandated by the Fire Safety Order (FSO). The Fire Safety (England) Regulations 2022 require regular checks to ensure that self-closing devices are working and the fire doors, including flat entrance doors, are in efficient working order and in good repair.

FIRE DOOR SIGNS



1 1610 BU 2 1610 BU **7** 1610 **B**

8 1610 **B**



3 1610 B Ultra Bright 4 1610 B

Automatic

fire door

keep clear

Fire exit

keep clear

4 1606 B F

4 1616 B



Anodised Aluminium 70 x 70mm **5** 9075



Self Adhesive Vinvl Photoluminescent Self Adhesive Vinyl 6 x 65mm Dia 6 x 80mm Square **5** 9690

Fire door

Fire doo

Fire door

Fire door

keep shu

ROLL OF LABELS

Ultra Bright

Fire door

Fire doo

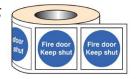
Ultra Bright

Roll of 100 Labels Self Adhesive Vinyl 100 x 100mm **5** 9703

ROLL OF LABELS

Roll of 100 Labels Self Adhesive Vinyl

100 x 100mm **5** 9704



FACE ADHESIVE WINDOW STICKERS

Apply this range of signs to the inside of a door window so that employees / members of the public looking in can identify that the door in question is a fire door



100 x 100mm **5** 9246



100 x 100mm **5** 9247



100 x 100mm **5** 9248

Automatic fire door keep clear

Fire exit

keep clear

1 1606 BFN

2 1606 BEN

7 1606 **F**

8 1606 B

1 1618 BU 2 1618 BU

7 1618 **B**

8 1618

4 1618 B

Automatic fire door keep clear

3 1618 D Ultra Bright Anodised Aluminium 70 x 70mm 5 9099



Self Adhesive Vinyl 6 x 65mm Dia **5** 1681

5 1637



Photoluminescent Self Adhesive Vinyl

6 x 80mm Square

5 9693



Ultra Bright



Fire door

Fire door

Fire door

Fire door

3 1606 BE Ultra Bright Self Adhesive Vinvl 6 x 65mm Dia **5** 1679

Fire door

Fire door



Photoluminescent Self Adhesive Vinyl 6 x 80mm Square **5** 9691

Keep locked shut

1 1609 B 2 1609 B 8 1609 B

Keep locked shut

Anodised Aluminium 70 x 70mm **5** 9097



Self Adhesive Vinyl 6 x 65mm Dia **5** 1660

2 1635 **U**

7 1635 **B**

8 1635 **T**



Roll of 100 Labels Self Adhesive Vinvl 100 x 100mm



Fire door keep closed

1 1616 **B** 2 1616 B 8 1616 B Fire door keep closed

3 1616 B Ultra Bright Self Adhesive Vinyl 6 x 65mm Dia **5** 1680



6 x 80mm Square

5 9692

1 1605 FNU 2 1605 FNU 7 1605 BF

8 1605 BF

Fire Fire escape escape keep keep clear clear

3 1605 B Ultra Bright 4 1605 B

Fire door Fire door keep keep locked locked 3 1635 B Ultra Bright **1** 1635 **U**

4 1635 B

Smoke door keep shut

1 1054 **B 2** 1054 **B**

FIRE DOOR SIGNS











2 1619 B

7 1619 **B**

2 1614 **E**











2 1604 EN









1 1611 **B**

2 1611 B

1 1621 **B**

2 1621 B

8 1621 **B**







keep

shut

76mm Dia

5 9125







Self Adhesive Vinyl

45 x 400mm

FIRE DOOR INSPECTION RECORD

Adapt-a-Sign 215 x 310mm **5** 1108

FIRE DOOR EDGE SIGNS

Do not place over the fire

Fire Door Inspection Record

It is recommended that fire doors

least every three months to ensure

in flats be routinely checked at

they are in good working order.

Place this next to fire doors and

update throughout the year.

1 1108 K 2 1108 K



RE





These deluxe fire door signs are ideal for environments requiring high quality finishes. All our deluxe fire door signs are ready to install and come pre-drilled with fixings.







5 9122





5 9123





76mm Dia

5 9130



keep clear Brass 76mm Dia

5 9124



Stainless Steel 76mm Dia **5** 9127

FIRE ESCAPE ROUTE SIGNS



1 1623 **B F** 2 1623 BE



1 1613 FN 2 1613 EN



1 1601 **E** 2 1601 E



1 1213 **(3)** 2 1213 **(3)** 8 1213



3 1213 **(3** Ultra Bright **4** 1213 **(3**



1 1220 **(3)** 2 1220 **(3) 8** 1220 **(3**



3 1220 **(3** Ultra Bright **4** 1220 **(3**



Includes contents / logs for:

User responsibilities

Fire fighting equipment

Premises details

Fire alarm testing

Alarm activations

Fire alarm servicing Fire alarm system certification

Emergency lighting

Fire instructions and drills

Fire doors and escape route inspection

Hose reels

九

8 1248 **(3)**

3 1248 **3** 1248 **3** 1248 **3** 1248 **3** 1248 **3** 1248 **3** 1248 **3** 1248 **3** 1248 **3** 1248 Ultra Bright



1 1631 F N 2 1631 F N



1 1633 **FN**



1 1649 F N 2 1649 F N



1 1634 **E** 2 1634 E



1 1607 **F 2** 1607 **E**



1 1632 F N 2 1632 FN

FIRE LOG BOOK HOLDER

This wall mountable station ensures that fire log books are clearly visible and easy to access by fire engineers needing to view service history. The station helps to overcome the log book being misplaced and ensures it is close to hand at all times. The station is pre-drilled for easy mounting and includes a printed "missing" message to show if / when the log book has been removed.

Log book sold separately.

3mm Rigid Plastic 360 x 220 x 15mm **5** 8203







FIRE SAFFTY SIGNS KIT

FIRE LOG BOOK

Maintaining a fire log book

demonstrates that fire safety

managed within the workplace.

It also provides fire engineers

with dates and times of service

history and ensures compliance

responsibilities are being

with BS 5839-1: 2017.

Our most popular fire safety signs in a cost effective kit. Ideal for new builds or a freshen up.

Rigid Plastic

5 8061

2 x Fire alarm (300 x 100mm)

3 x Fire exit - Left (300 x 100mm)

3 x Fire exit - Right (300 x 100mm)

3 x EEC Fire action (150 x 200mm) 3 x Fire extinguisher (300 x 100mm)

2 x Push bar to open (300 x 100mm)

1 x Fire assembly point (450 x 600mm)

2 x Your assembly point is (150 x 50mm)

2 x Fire exit - Straight on (300 x 100mm)

2 x Fire exit - Keep clear (300 x 100mm)

Self Adhesive Vinyl

18 x Fire door keep closed (65mm Dia)

5 1724























210 x 297mm Rigid Plastic **5** 8362 Self Adhesive Vinvl **5** 8363



210 x 297mm Rigid Plastic **5** 8396 Self Adhesive Vinyl **5** 8397

GLOW STICKS



Comes with suspension cord for around the neck. Glows for approximately 12 hours. 150mm Long

Green **5** 8586 Red **5** 8587 Blue **5** 8588

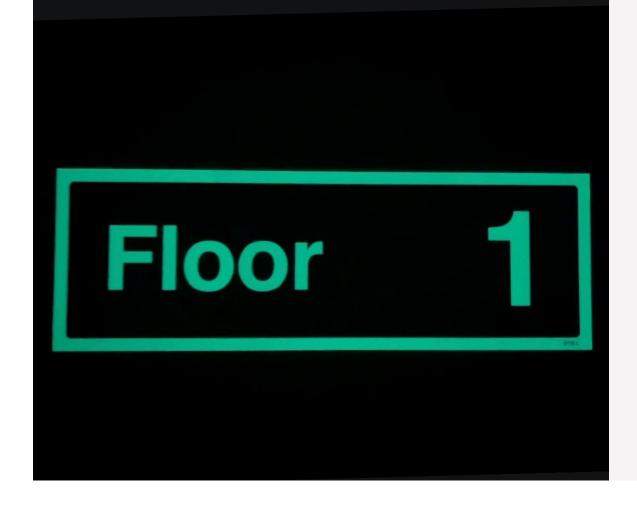
FIRE DOCUMENT HOLDER

Keep important fire safety documents clearly displayed and readily available in a central location.

This sign comes with a durable polystyrene document holder for storing A4 ring binders and folders.

440 x 600mm 10mm Foam Board **5** 8213





Razor sharp blackout definition

SEE PAGE 17 FOR MORE INFORMATION

FLOOR, STAIRWELL & DWELLING SIGNS

This range of emergency escape signs helps assist the fire and rescue service in identifying each level, stairway and flat location.

Stairways within the building should be identified by the use of the stairway ID signs, positioned on each level of the building. Floor level identification signs enable identification of each floor by "floor number" and should be located on every landing of a fire-fighting stairway (below the stairway identification sign) and every fire-fighting lobby or open access balcony.

Floor level ID signs should be supplemented by flat ID signs (positioned directly below the storey ID signs), which provide information as to the dwellings (flats or maisonettes) located on the storey in question.

STAIRWAY ID SIGNS

To assist the fire and rescue service in identifying each level of a building, storey identification signs identify the level by "Floor Number" and should be located on every landing of a fire-fighting stairway and every fire-fighting lobby (or open access balcony) into which a fire-fighting lift discharges. Storey ID signs should be supplemented by dwelling indicator signs (positioned directly below the Storey ID sign), which provide information as to the dwellings (flats or maisonettes) located on the storey in question.









Floor

32173 **L 4**2173 **L**

FLOOR LEVEL ID SIGNS

3 2174 L 4 2174 L



Ultra Bright















Razor sharp blackout definition

SEE PAGE 17 FOR MORE INFORMATION

RESPONSIBLE PERSONS & FIRE RESCUE

In residential buildings with two or more domestic premises (e.g. blocks of flats) the responsible person must provide residents with information on the risks from fire within their building and the fire safety measures provided to keep them safe. This requirement expands upon legislation introduced in January 2023 that required responsible persons to provide residents with information on emergency procedures and the importance of fire doors.

RESPONSIBLE PERSONS & FIRE RESCUE SIGNAGE

Control equipment for the Evacuation Alert System (EAS) should be prominently sited, within a secure enclosure, on the normal fire and rescue service entrance level, at a location close to the normal fire and rescue service entrance. A suitable Evacuation Alert Control & Indicating Equipment (EACIE) or Premises Information Box (PIB) sign should be fixed to the door of the cabinet.







6 1109 **1**

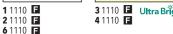












3 1109 Ultra Bright 4 1109























1 1062 **3** 2 1062 **3**



1 1064 **(1)**2 1064 **(1)**



1 1065 **(1)**2 1065 **(1)**











FIRE ALARM TABLE TOP SIGN

Ideal for reception areas to ensure visitors / staff are aware of scheduled fire alarms.

Simply write the time of the fire alarm test and display when required.

3mm Acrylic Face: 300 x 210mm **5** 8062



REFLECTIVE ARMBANDS

Enable staff and visitors to quickly identify fire personnel. The adjustable hook and look fastening ensures one size fits all. Adjustable to fit 90-130mm dia.

Fire Warden Fire Marshall **5** 6448











11036 **E 2**1036 **目**



11063 **E 2**1063 **E**

MATERIAL INFORMATION

The first digit you see on our product codes identifies the material the sign is made from, an overview of which can be found in this section. Deciding on your sign message is only the first step. When ordering a sign, consideration should be given to where it is going to be displayed. Our guide below will help you to decide which material is best for your location and covers our most popular sign materials - this list is not exhaustive so if you can't see the material you require please contact our sales team and we will be happy to quote in a material of your choice.

RIGID PLASTIC CODE: 1

A lightweight material with high impact strength, suitable for indoor and outdoor use. Easily drilled, white, glossy.



SELF ADHESIVE VINYL CODE: 2

High gloss, flexible PVC with self adhesive backing. Suitable for most smooth, dry and clean surfaces.



ALUMINIUM CODE: 6

Aluminium with gloss white powder coating. Ideal for both indoor and outdoor. Excellent weathering & UV resistance. A long-life product.



PET CODE: 7

2mm Thermoplastic Polyester (known as PET) is high quality, recyclable, impact, fire and vandal resistant making it ideal for harsher environments.



QUICK FIX CODE: 8

A rigid plastic surface provides a durable finish, whilst a strong self adhesive backing removes the need for drilling, screws or additional fixings.



MISCELLANEOUS MATERIALS

CODE: **5**

Any product outside of our standard choice of material or size ranges begins with a 5. This may include items such as rolls of tape, sign frames, banners, or any sign requiring bespoke designs. It may include products using (but not limited to) the following materials:



PVC. BANNER

Flame resistant, 440gsm PVC banner for indoor and outdoor applications. Digitally printed for eye catching displays.



FLUTED POLYPROPYLENE (4MM)

Lightweight, waterproof, strong and 100% recyclable (Class PP5) making it ideal for temporary signage such as site safety signs.



FOAM PVC (5MM)

Available in 3mm, 5mm or 10mm. Bright white, lightweight & waterproof. Easily drilled for fixing. Ideal for outdoor site safety boards.



ALUMINIUM COMPOSITE

3mm white aluminium skin with a polyethylene core. Lightweight and weather resistant. Ideal for outdoor signs due to its non existent scrap value.



REFLECTIVE

Available on various materials with a choice of reflective finishes. RA1 for temporary traffic signs or R2 for permanent traffic signs.

MATERIAL INFORMATION

The strength and quality of photoluminescent can vary greatly between manufacturers and for this reason we have introduced the Ultra Bright brand to give assurance that all our photoluminescent signage exceeds PSPA (The Photoluminescent Safety Products Association) Class C ratings, making it one of the best in the UK market and ensuring our signs stay brighter for longer to give the maximum chance for a successful evacuation.

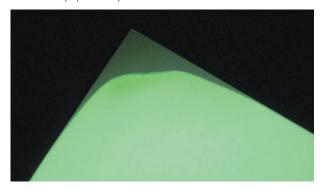
PHOTOLUMINESCENT RIGID PLASTIC CODE: 3

An off-white rigid plastic with photoluminescent pigmentation which enables it to glow in the dark. After glow properties exceed PSPA 'Class C' standards. The luminance properties and performance has been tested to DIN 67510.



PHOTOLUMINESCENT SELF ADHESIVE VINYL

An off-white flexible self adhesive plastic with photoluminescent pigmentation which enables it to glow in the dark. After glow properties exceed PSPA 'Class C' standards. The luminance properties and performance has been tested to DIN 67510.



Photoluminescent signage is charged by light which allows it to glow in the dark if there is a sudden loss of light due to a power outage or if thick smoke from a fire is obstructing vision. Using UltraBright signage in a building will ensure that they are clearly visible in blackout conditions which can prove the difference between life and death during an emergency evacuation. The real beauty of UltraBright signs is that they do not need electricity to glow in the dark if properly sited and maintained.

All Safety Way Guidance Systems (SWGS) must conform to the standards set out in BS ISO 16069. This stipulates requirements that need to be met with regard to the design, installation and performance for photoluminescent Safety Way Guidance Systems. The benefit of these systems is that they are coherent and understood by all, regardless of culture or language. This is ensured as symbols on the signs must be compliant with BS EN 7010 and sign design must meet the requirements of BS ISO 3864 parts 1- 4, to conform to BS ISO 16069.

To achieve high performance in low light conditions and conform to ISO 16069 we recommend using Ultra Bright

MATERIAL CODES LANDSCAPE SIZES PORTRAIT SIZES **A** 75 x 100mm **1** 200 x 400mm **1**00 x 100mm A 100 x 75mm **J** 400 x 200mm **U** 100 x 100mm 1 Rigid Plastic **13** 80 x 80mm **3**00 x 400mm V 150 x 300mm **K** 400 x 300mm **V** 300 x 150mm 2 Self Adhesive Vinyl **B** 80 x 80mm **G** 150 x 150mm **●** 150 x 450mm **●** 600 x 900mm 3 UltraBright Rigid Plastic **⋒** 200 x 600mm **№** 100 x 200mm **1**00 x 150mm **□** 150 x 100mm **M** 600 x 200mm **X** 200 x 100mm 4 UltraBright Self Adhesive **1**50 x 200mm **1** 400 x 400mm 5 Miscellaneous **E** 200 x 150mm **N** 400 x 400mm **2**00 x 200mm **Q** 400 x 600mm 6 Aluminium **E** 200 x 200mm **P** 600 x 400mm **G** 100 x 300mm **Q** 450 x 600mm **G** 300 x 100mm **Q** 600 x 450mm 7 PFT **250 x 300mm 6** 75 x 200mm 8 Quick Fix **H** 300 x 250mm **S** 200 x 75mm

Ultra Bright SPECIFICATIONS & BENEFITS

- 1. Exceeds Class C photoluminescent PSPA rating
- 2. Afterglow testing in accordance with DIN 67510-Pt1
- 3. Compliant with ISO 16069:2017 Safety way guidance systems (SWGS)
- **4.** Maximises visibility of signs during smoky / black-out conditions. Provides clear guidance to exits and emergency equipment which helps significantly reduce evacuation times
- 5. Self re-chargeable and maintenance free No power source / batteries required
- **6.** Instant and long lasting visibility of signage in blackout conditions. It takes over 48 hours to totally fade from fully charged
- **7.** Cost effective and easy to install
- **8.** Non-toxic or radioactive pigments (REACH / RoHS compliant)

 $The table below shows that {\bf Ultra Bright} \ stays \ brighter for longer in comparison to \ PSPA \ ratings.$

LUMINANCE MCD/M2 Class A	2MIN 108	10міn 25	30min	60MIN	
Class A Class B Class C	210 690	50 140	15 45	7 20	
Ultra Br <mark>i</mark> ght	957	199	59	26	

The classification system is calculated on luminance decay after a given time which complies to ISO 17398:2004, ISO 16069:2017 and DIN 67510-Pt1

OUR CODES EXPLAINED



- The bold number (1 & 2) at the start of the code represents the available materials
- The four digit number represents the sign code (4021)
- The letters represent the available sizes. Landscape are squares. Portrait are circles.



FIRE SAFETY 2023 REGULATION UPDATES