THE IMPORTANCE OF SAFETY SIGNS

Safety Signs are crucial in any work environment. The primary importance of displaying Safety Signs is to prevent injury and ensure staff and visitors are well aware of the possible dangers and hazards ahead in certain situations and/or environments. Without signs, many employees would lack the necessary direction in times of crisis, and employers might find themselves in significant legal difficulties if any accidents were to arise as a result.

By ensuring the workplace is sufficiently well signed, you can help protect your staff and visitors to the site, particularly members of the public, against the possible dangers that may be unnoticed - leading to less industrial accidents and reduced risk to employees and passerby's.

At Brady we have the widest range of legends for you to choose from to ensure you can create a safe, well identified facility. Our range of Safety Signs are designed to meet Australian Standard 1319 which outlines specific parameters for safety signs in an occupational environment.

BRADY SIGNS VS. COMPETITOR SIGNS

At Brady Australia, we specialise in making premium quality and compliant safety signs in thousands of various legends, sizes and substrates. We pride ourselves as the market leader with the broadest range, and together with over 30 years of experience, we offer high performance signage.

As there are many other sign makers in the industry, we cannot control where signs are purchased - however we have made it easier for our customers to distinguish between a Brady sign and a copied sign. Below is a picture of a Brady sign, here we have noted some differences you will notice from a visual perspective, as compared to our competitors.

All our signs are printed with ink that meets the needs for high scratch resistance and outdoor signage display.

Articulate and clean, all signs received will have no scratches, specks of paints or scuff marks.

Material is of high quality - polypropylene is UV stabilised, lasting up to 5 years outdoors.

Our printed colour is bright, vibrant and consistent.

Pictograms are designed to meet the International Organisation of Standardisation; detailed and recognisable to communicate hazards and actions without the needs for words.

Crisp lines, text, and images.

The above shows Brady signs vs competitor's signs after four years exposure to the elements.

- Competitor's 'Hand Protection' sign has ink that has run
- Competitor's 'No Smoking In This Area' sign has colours that have faded

UNDERSTANDING AS 1319

This standard sets out the requirements for the design and use of safety signs intended for use in the occupational environment. These signs are designed to regulate and control safety related behaviour, to warn of hazards and to provide emergency information including fire protection information.

CHOOSING SIGNS TO SUIT YOUR APPLICATION

Complying with Australian Standards

MANDATORY SIGNS

These signs specify an instruction that must be carried out. Symbols (or "pictograms") are depicted in white on a blue circular background. Sign wording, if necessary, is in black lettering on a white background.

PROHIBITION SIGNS

These signs that specify behaviour or actions which are not permitted. The annulus and slash is depicted in red over the action symbol in black. Sign wording, if necessary, is in black lettering on a white background.

WARNING SIGNS

These signs warn of hazards or a hazardous condition that is not likely to be life-threatening. The hazard symbol is black on a yellow background and a triangle is depicted around the hazard symbol. Sign wording, if necessary, is in black lettering on a yellow background.

DANGER SIGNS

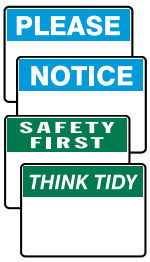
These signs provide warning when a hazard or a hazardous condition is likely to be life-threatening. The word "Danger" is featured inside a red oval inside a black rectangle.

EMERGENCY INFORMATION SIGNS

These signs indicate the location of, or directions to emergency related facilities (exits, first aid, safety equipment, etc). Feature a white symbol and/or text on a green background.

FIRE SIGNS

Advise the location of fire alarms and fire fighting equipment. They contain a white symbol and/or text on a red background.



GENERAL INFORMATION SIGNS

These signs are not referred in AS1319, however are available due to popular demand. They communicate information of a general nature and often refer to Housekeeping, Company Practices and Logistics.

VIEWING DISTANCE GUIDE

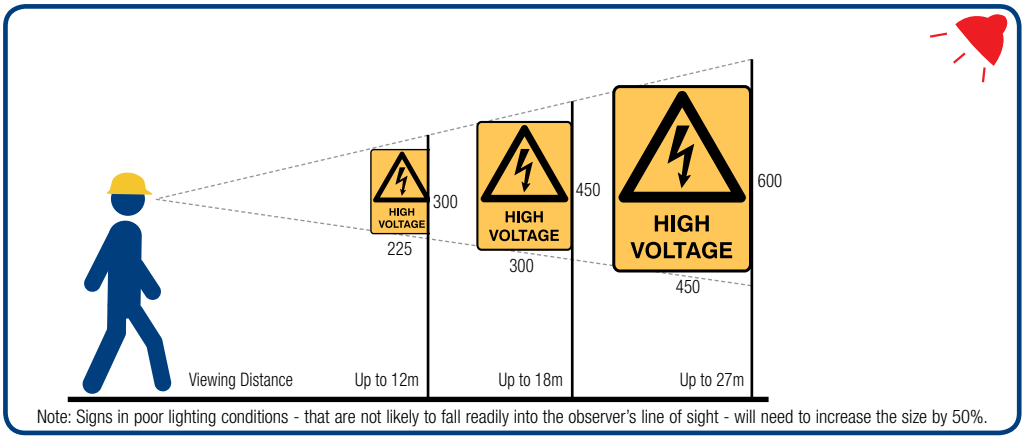
Signs should be large enough to view without straining the eyes when communicating safety messages to employees and/or visitors. Therefore, choosing the size of a sign is more than fitting it to the space you have available.

In order to comply with AS 1319, you must consider the environment, lighting and viewing distance – these factors will determine the size of sign required to suit your application.

The recommended minimum sizes as per AS 1319 are as follow. For a pictogram and worded sign in a factory or work environment, where lighting is good and the sign will be mounted in a reasonably prominent position:

- Pictogram size is to be at least 15mm per metre of viewing distance
- Text size:
  - Upper case: 5mm per metre of viewing distance
  - Lower case: 4mm per metre of viewing distance

For Brady Safety Signs, please use the below diagram as a guide.



Note: Signs in poor lighting conditions - that are not likely to fall readily into the observer's line of sight - will need to increase the size by 50%.

SIGN MATERIAL GUIDE

POLYPROPYLENE

Our polypropylene material is highly recommended for outdoor use. It is UV stable and resists fading and cracking outdoors for three to five years. It is non-toxic and is Food Contact approved, conforming to AS 2070 (Plastic Materials For Food Contact and Use). Enduring temperatures of -40°C to 160°C, this polypropylene is fully recyclable and is an environmentally responsible alternative to PVC. Not only is the poly we use in our signs made from over 50% recycled material, but it is also certified as Carbon Neutral. All signs are 1.4mm thick with rounded corners and four corner mounting holes.

SELF-ADHESIVE POLYPROPYLENE

These signs are our standard polypropylene with an adhesive backing. An industrial grade pressure sensitive adhesive backing has been applied to allow easy installation of signs by adhering to most flat, clean and dry surfaces in interior and protected exterior situations. It has a good temperature rating of up to 100ºC with excellent initial tack and long-term adhesion properties.

SELF ADHESIVE VINYL

This durable vinyl features a fully self-adhesive backing so you can adhere it to virtually any clean, dry surface. Our vinyl is manufactured to perform under a range of varying temperatures (-40°C to 80°C) and humidity. Well suited to curved or rough surfaces, just peel off the release paper and quickly apply. An expected indoor lifetime of five to eight years, our self-adhesive vinyl offers a long-term solution that is also highly resistant to fading, shrinking and chemicals.

STEEL (METAL)

Our metal substrate is guaranteed to withstand temperatures of -40ºC to 80ºC and has an outdoor life expectancy of five to eight years. This material complies with two steel manufacturing standards AS/NZS 1365 and AS 1397. The 0.6mm thick material holds up
well in windy conditions and is well suited to the outdoors. All metal signs come with rounded corners and four corner mounting holes.

CORFLUTE

Manufactured from 3mm corrugated plastic, it is a lightweight, low cost and durable material. More rigid than solid polypropylene but flexible enough to mount on slightly curved surfaces. Ideal for short-term outdoor use, especially for temporary applications, such as construction and building sites.

BRADY ULTRATUFF - 25 YEAR GUARANTEE

For signs that will be exposed to abrasive chemicals, extensive UV, or the likelihood of graffiti, we highly recommend Brady UltraTuff signs. UltraTuff signs have a protective overlaminate which is manufactured from a high-grade polyester, with great abrasion resistance and good resistance to UV radiation and weathering exposure. It has excellent resistance to chemicals and solvents and is designed for use in harsh environments to protect the sign's message. The UltraTuff overlaminate can also be applied to any Brady sign. It is ideal for use as an anti-graffiti protective overlaminate, although it is recommended to ensure the paint/ink is removed within 24 hours. Brady UltraTuff signs are guaranteed for 25 years.

RETRO-REFLECTIVE ALUMINIUM AND STEEL

Retro-reflective options are available in Steel or Aluminium. Aluminium is manufactured to comply to AS/NZS 1734 and is ideal for use where resistance to corrosion and strength are a necessity. Our Steel signs are manufactured in accordance with AS/NZS 1365 and AS 1397 and are one of our more robust sign materials, perfect for outdoor use. We only use Retro-Reflective material which complies to AS/NZS 1906.1, available in Class 1 and Class 2 options. Class 1 is the brightest, most durable retro-reflective material available.

BRADYGLO™ LUMINOUS

Brady offers an innovative solution for emergency and evacuation signage in the workplace. Our BradyGlo™ luminous material B-324, is available in polypropylene or self-adhesive polyester. BradyGlo™ is a non-toxic and non-radioactive material. It takes only five minutes of ambient fluorescent light to charge and will glow consistently for 10+ hours. This material meets and exceeds several international standards for safety and glow time. Recommended for internal use only.

DEFINITIONS

Upper Temperature Service Limit:
Temperature above which material will fail in long term use. Information available on specific Material Technical Data Sheets.

Minimum Application Temperature:
Lowest temperature at which you can apply the label to a clean, dry, smooth surface. Information available on specific Material Technical Data Sheets.

Average Outdoor Durability:
Average expected outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques, material colour, and printing inks used.

Chemical Resistance:
Chemical Resistance information can be obtained from a specific material's Technical Data Sheets.