SETON SIGNS GUIDE

The importance of compliance with Australian Standard® AS 1319-1994

The design and use of safety signs in the occupational environment must comply with the **Australian Standard® AS 1319 -1994**. A great deal of thought and research has gone into the designs of the safety signs set out in the Standard. Successfully tested for comprehension, these signs transcend language barriers, ensuring a universal safety sign language everyone can understand, regardless of nationality, occupation or location.

More than meets the eye. The Seton safety sign difference

To us, ensuring your signs comply with the Australian Standard® is the cost of entry. We believe in providing you with premium quality safety signs that reflect your business and the importance of your people. We want everyone to return home safely, so we build our environmentally friendly signs to:

- withstand the toughest working environments
- stand up to harsh Australian temperatures (cool and hot)
- remain visible and save replacement costs by mitigating premature fading or cracking
- glow in the dark or reflect light for maximum visibility in your lighting conditions
- guard against abrasive chemicals and graffiti (Seton ULTRATUFF™)

Complying with Australian Standards

Australian Standards AS 1319–1994 outline specific parameters for safety signs in workplaces. Seton strives to make compliance easy with our wide range of stock signs. And, if we don't have the sign you need in our stock selection, our custom sign production department can design and make exactly what you need.

MANDATORY SIGNS

Purpose: Instruct people to comply with a specific activity, e.g. wear head protection.

Design parameters: Pictogram in white on a blue circular background. Any necessary wording is in black on a white background.

FIRE SIGNS

Purpose: Advise the location of fire alarms and firefighting equipment.

Design parameters: White symbol and/or text on a red background.

PROHIBITION SIGNS

Purpose: Specify unpermitted/disallowed behaviours or actions.

Design parameters: Ring and slash depicted in red over the action symbol in black. Any necessary wording is in black on a white background.

EMERGENCY INFORMATION SIGNS

Purpose: Indicate the location of, or directions to, emergency facilities (exits, first aid, safety equipment etc.).

Design parameters: White symbol and/or text on a green background.

WARNING SIGNS

Purpose: Warn of non-life-threatening hazards or a hazardous condition.

Design parameters: Hazard symbol in black surrounded by a black triangle on a yellow background. Any necessary wording is in black on a yellow background.

DANGER SIGNS

Purpose: Warn of a likely life-threatening hazard or hazardous condition.

Design parameters: The word Danger features inside a red oval, which in turn is inside a black rectangle.

GENERAL INFORMATION SIGNS

Purpose: Communicate general information such as housekeeping, company practices and logistics.

Design parameters: These are not referred to in AS 1319 but are available due to popular demand.

What is the Viewing Distance?

Signs should be large enough to view without straining the eyes when communicating safety messages to employees and/or visitors.

The viewing distance is the distance between where the sign will be mounted and where the sign should be sighted upon entry to the room/site. By measuring the viewing distance and applying it to the above picto and text size recommendation, you can accurately purchase signs to suit application and meet standards.
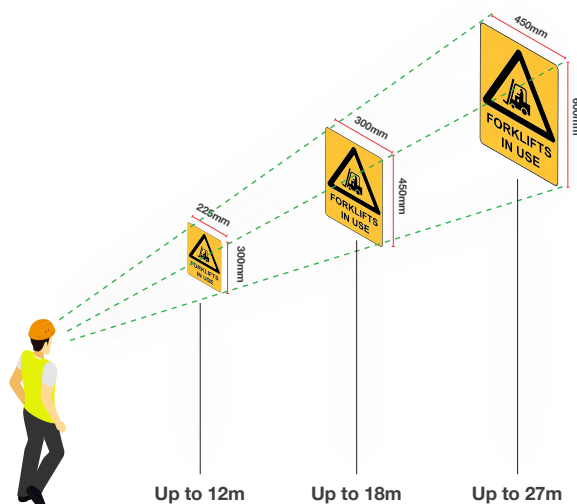

Guide to Choosing Sign Size

At Seton, we have made your selection size easier by providing you a Brady Australia Sign guide to assist you in determining what size best fits your situation.

To use, simply measure up your Viewing Distance and apply to the diagram. Remember in poor lighting conditions, legend sizes will need to be increased by 50%.

NB: This guide is only applicable to Brady/Seton Australia manufactured signs.

Up to 12m   Up to 18m   Up to 27m

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 Maintenance

Maintenance of signs is not often thought about or taken seriously. Once a sign is mounted, chances are, it never gets cleaned. But have you ever thought how easy it is to clean a Seton sign?

As part of AS 1319–1994; for maximum effectiveness of signs, they should be maintained in good condition, kept clean and well illuminated.

Seton signs can be easily cleaned. Simply clean the surface using a sponge or soft towel with mild detergent and warm water. Then dry with a clean dry cloth or chamois. Always use a non-abrasive cleaner, and avoid using chemical cleaning products.

Sign Materials Guide

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 (-29°C to 65°C) and humidity. Well suited to curved or rough surfaces, just peel off the release paper and quickly apply. With expected indoor lifetime of 5-8 years, our self-adhesive vinyl offers a long-term solution that is also highly resistant to fading, shrinking and chemicals.

POLYPROPYLENE

Our Polypropylene material is highly recommended for outdoor use. It is UV stable and resists fading and cracking outdoors for 3-5 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 POLY–NOW RECYCLED

These signs are 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 100°C with excellent initial tack and long-term adhesion properties. Made from recycled material.

SETONGLO™ LUMINOUS
(SELF-ADHESIVE, POLYPROPYLENE OR METAL)

These signs are 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 100°C with excellent initial tack and long-term adhesion properties. Made from recycled material.

MULTIFLUTE

Manufactured from 3mm corrugated plastic, a lightweight, low cost and durable material. They are flexible and may be mounted on slightly curved surfaces. Ideal for outdoors, especially for temporary applications, such as construction and building sites.

METAL

Guaranteed to withstand temperatures of -40°C to 80°C and an outdoor lifetime of 5–8 years. This material conforms to two Steel manufacturing standards AS/NZS 1365-1996 and AS 1397-2001. This 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.

REFLECTIVE ALUMINIUM

Reflective Aluminium signs are made up of reflective sheeting on aluminium resulting in a premium lightweight sign. Aluminium tolerances comply with AS/NZS 1734-1997 and should be used for any application where resistance to corrosion and strength are a necessity. Traffic, Parking and Mining signs are available in either Class 1 or Class 2 reflective material to comply to AS/NZS 1906.1-1993.

Positioning

While it's tempting to create a sign to fit a certain space, AS 1319—1994 provides the following guidelines around the positioning and size of your signs:

POSITIONING

- Mount sign in a reasonably prominent position, close to the line of sight when standing.
- Place signs against a contrasting background.
- Ensure stacked materials won't block the signage under any circumstances.

IN GOOD LIGHTING

- Ensure pictogram size is at least 15mm per metre of viewing distance.
- Uppercase text must be at least 5mm per metre of viewing distance.
- Lowercase text must be at least 4mm per metre of viewing distance.

IN POOR LIGHTING

- Increase pictogram and text size by 50%.