



Up to
40m²

**COMPLIANT - FRANGIBLE
SIGN SUPPORT STRUCTURES**

Signfix
AUSTRALIA

QUALITY SERVICE & SUPPLY
ACROSS NSW & BEYOND

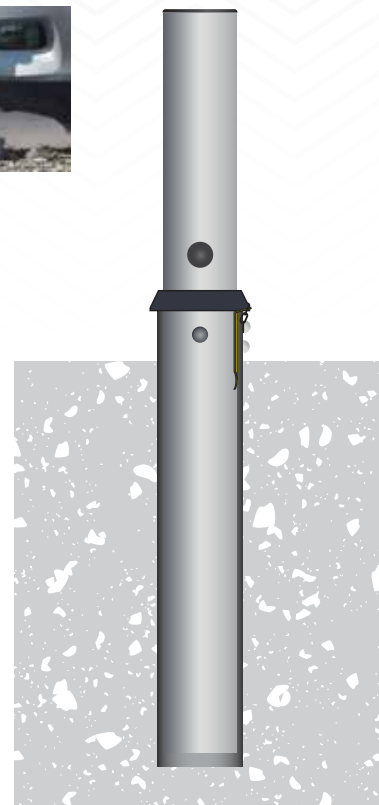
www.barriersigns.com.au

FLUTED FRANGIBLE SIGN SUPPORT STRUCTURE - MASH APPROVED

The Signfix® product range is MASH compliant and approved by Austroads Safety Barrier Assessment Panel (ASBAP) for use on Australia and New Zealand road networks.



Up to
16m²



ROAD SAFETY

- Longstanding performance in Australian conditions.
- The patented Signfix fluted pole and socket system meets or exceeds the MASH testing thresholds for frangible structures.
- Successfully undertaken rigorous impact testing with 1100kg and 2270kg vehicles at speeds of 30km/h and 100km/h by a leading FHWA accredited testing agency.
- Occupant Impact Velocity below the preferred 3.0m/s thresholds (4.9m/s maximum).
- Occupant Ride-down Deceleration well below the preferred 15.0g threshold.
- Deformations of vehicle occupant department and post impact vehicle trajectory within acceptable limitations.

INSTALLATION

- The lightweight extruded aluminium components are easy to handle and convenient to transport.
- Simple to install with no specialist equipment required, props are not required for installing ground sleeves and larger poles during the foundation hardening process.
- Damaged poles are easily removed, and replacement poles re-installed into existing sleeve foundations.
- Wind chart system allows installers to easily determine optimal pole configuration (number of poles and size).
- Clear instruction manuals provided.
- QR Code on ground sleeves for easy installation instructions.

DESIGN

- Structurally designed to support a sign area of up to 16m².
- The fluted pole diameter sizes fit all standard bracket types.
- Lightweight Signfix aluminium frangible poles are similar in strength to steel equivalents.
- Patented stainless-steel transition shoe is supplied to prevent wear and eliminate any electrolysis action between the locking bolts and pole.
- Revised MASH design range comes with polymer seals, plugs and caps to prevent water ingress.

www.barriersigns.com.au

For orders and enquiries phone

02 6552 7200

SAFE - RELIABLE - SIMPLE

Complies with AS/NZS3845.1 (2015) and AS/NZS3845.2 (2017).

- MASH Certified TL3
- Passively safe
- Engineered design
- Engineered to last
- Patent Protected
- Fully recyclable
- Economical
- Easy to install
- Quick & easy to specify
- Australian Made



Signfix
AUSTRALIA

 **Barrier**signs
Quality Direction Across NSW & Beyond

OPTIMAST® FRANGIBLE SIGN SUPPORT STRUCTURE - MASH APPROVED

Signfix® and Optimast® product ranges are MASH compliant and approved by Austroads Safety Barrier Assessment Panel (ASBAP) for use on Australia and New Zealand road networks.

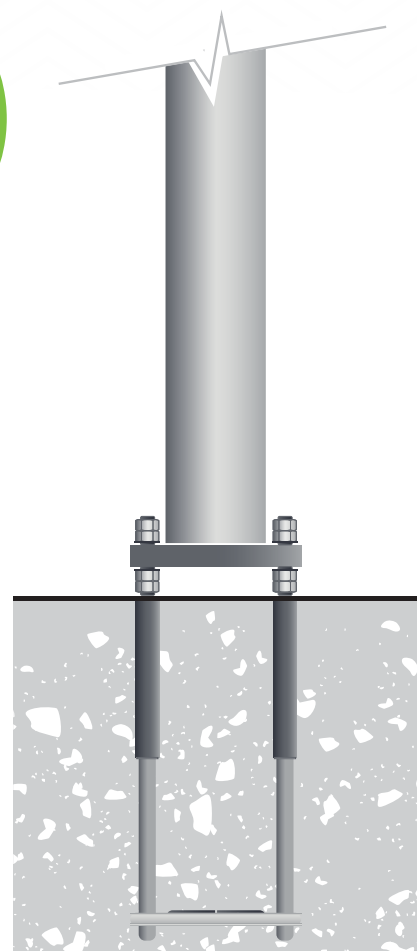
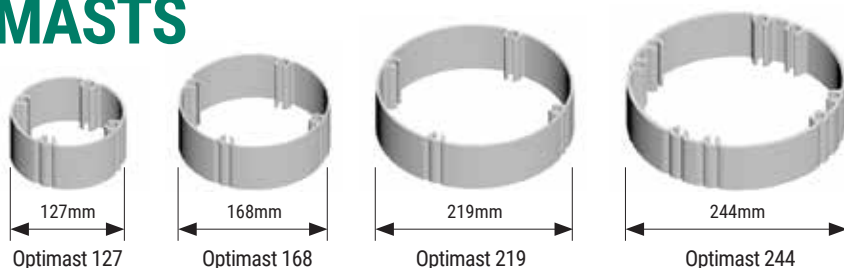
Austrroads, the peak body of Australasian road transport and traffic agencies, require new and existing road safety products to comply to the updated testing guidelines of AS/NZS3845.1 (2015) and AS/NZS3845.2 (2017).

Road safety products must now be tested to the American Association of State Highway and Transport Officials (AASHTO) 2009 Manual for Assessing Safety Hardware (MASH) guidelines. MASH testing supersedes NCHRP 350 testing for Australia and New Zealand road barrier products.

After extensive vehicle impact tests were undertaken on the Signfix and Optimast product ranges by a leading FHWA testing facility, the Signfix and Optimast product ranges are MASH compliant and approved by Austroads Safety Barrier Assessment Panel (ASBAP) for use on Australia and New Zealand road networks.

Up to
40m²

MASTS



ROAD SAFETY

- Proven performance in the UK, Germany and France, Optimast complies to BS EN 12767 and has achieved the highest safety accreditation, 100 NE3.
- The Optimast system meets or exceeds the MASH testing thresholds for frangible structures.
- Successfully undertaken rigorous impact testing by a leading FHWA accredited testing agency.
- Occupant Impact Velocity below the preferred 3.0m/s thresholds (4.9m/s maximum).
- Occupant Ride-down Deceleration below the preferred 15.0g threshold.
- Deformation of vehicle occupant department and post impact vehicle trajectory within acceptable limitations.

INSTALLATION

- The extruded aluminium mast (5-8m lengths), shear bolts and base plate are delivered fully assembled.
- Simple to install base plate with foundation bolts onto an anchor cradle socket set into a concrete foundation.
- Easily replace damaged poles, by removing and re-installed onto existing foundations.
- Wind chart system allows installers to easily determine optimal pole configuration (number of poles and size).
- Clear instruction manuals provided.

DESIGN

- Structurally designed to support large directional signs of up to 40m².
- Signfix provides specialised Optimast clamps with rubber lining to affix mast to sign channel.
- Strong extruded aluminium cylindrical design has similar strength to steel equivalents.
- Corrosion resistant high-quality marine grade aluminium alloy.

WHAT WE DO

Since 1982 Barrier Signs Pty Ltd has been supplying quality signage and service to the energy sector.

Barrier Signs' modern manufacturing facilities are equipped with the latest technology and plant equipment to produce a high standard and broad range of products to meet your signage requirements. We have a highly skilled team with the ability to manage large projects state wide.

We pride ourselves on our highly skilled in-house team of 34 operators that have a combined 540 years of experience in the signage industry and are supported by our additional 18 team members across sales, operations and design.

This expert team is supported with the latest high-end equipment and our ISO 9001 quality, ISO 14001 environment and ISO 45001 occupational health and safety systems.

It's these factors combined that enable us to deliver our quality products, to our customers, on time.

HOW WE HELP WITH PROCUREMENT

At Barrier Signs we can offer complete end-to-end procurement solutions for all your signage and signage hardware requirements.

We partner with your procurement team to ensure we understand your purchasing process and requirements in the areas of quoting and purchase order process and management of orders and invoicing. We take your specifications and generate internal and external specification sheets to ensure accuracy of production. These specification sheets also make re-ordering a streamlined procedure.

Barrier Signs adds value as a supply partner that constantly works with our customers to understand their purchasing requirements and can evolve with them as their requirements evolve whilst delivering quality products and service in a timely manner.



APPROVED SIGN MANUFACTURER

Transport
for NSW



LOCAL
GOVERNMENT
PROCUREMENT
APPROVED CONTRACTOR



15-19 Grey Gum Road, TAREE NSW
www.barriersigns.com.au
sales@barriersigns.com.au
fax: 02 6551 0449



Environment
ISO 14001
SAI GLOBAL



Quality
ISO 9001
SAI GLOBAL



ISO 45001
Occupational
Health and
Safety
SAI GLOBAL

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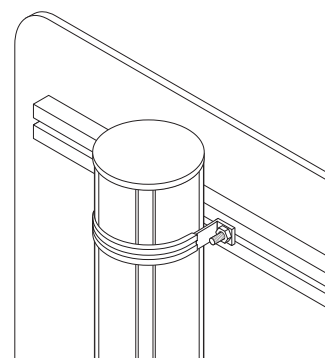
02 6552 7200

HARDWARE



HEAVY DUTY 2-BOLT 'D' BRACKETS (FOR OPTIMAST SIGN POLES)

CODE	DESCRIPTION
OPTIFIXING127	Heavy Duty S/Steel 2-Bolt 'D' Clip with rubber insert for 127 Optimast pole
OPTIFIXING168	Heavy Duty S/Steel 2-Bolt 'D' Clip with rubber insert for 168 Optimast pole
OPTIFIXING219	Heavy Duty S/Steel 2-Bolt 'D' Clip with rubber insert for 219 Optimast pole
OPTIFIXING244	Heavy Duty S/Steel 2-Bolt 'D' Clip with rubber insert for 244 Optimast pole
M10-50T-SET	M10 x 50mm Mechanically galvanised tee bolt & hex nut



127



168



219



244



M10-50T-SET

