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Barriersigns

MASH APPROVED

OPTIMAST® FRANGIBLE SIGN SUPPORT STRUCTURE

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.

SAFE - RELIABLE - SIMPLE

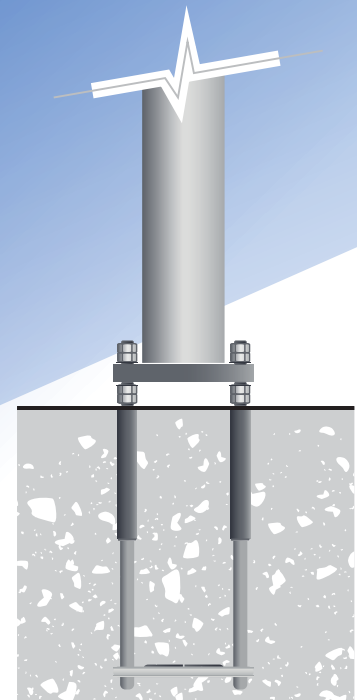
- MASH Certified TL3
- Passively safe
- Engineered design
- Engineered to last
- Fully recyclable
- Economical
- Easy to install
- Quick & easy to specify

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



MASH APPROVED

Up to
40m²



Signfix
AUSTRALIA

for orders & enquiries phone or email
sales@barriersigns.com.au

02 6552 7200



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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).

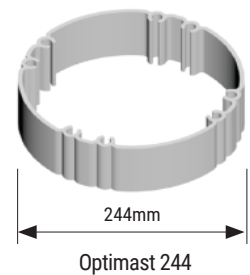
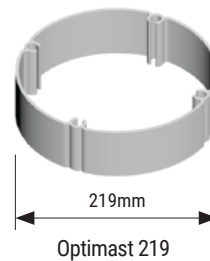
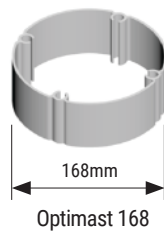
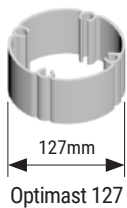
Road safety products must now be tested to the American Association of State Highway and Transport Officials (AASHTO) 2009 Manual for Assessing Safety Hardware (MASH) guidelines. MASH testing supersedes NCHRP 350 testing for Australia and New Zealand road barrier products.

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 Austrroads Safety Barrier Assessment Panel (ASBAP) for use on Australia and New Zealand road networks.



Signfix®
A U S T R A L I A

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 compartment 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.

