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MENNI SYSTEM



Menni is a set of four modular components that can be plugged together in any combination to satisfy a wide range of end user applications. These include bump stops for asset protection, car park wheelstops, warehouse racking protection and, when integrated with our Q-Panel (see section 2), an ingenious pedestrian fence system. The four modules are the end, body, 'T' and corner. All are injection moulded from high tech Linear Low Density Polyethylene (LLDPE), and they won't fade, rot, rust or crack.

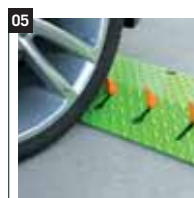
You may also be interested in:



PEDESTRIAN SEPARATION



IMPACT ABSORBING



VEHICLE & PARKING



SAFETY PRODUCTS

INTRODUCING MENNI

Menni is a set of 4 modular components that can be plugged together in any combination to satisfy a wide range of end user applications.

There are four modules. The end module, the body module, the 'T' intersection module and the 90 degree corner module.

All Menni modules are manufactured from a high tech Linear Low Density Polyethylene (LLDPE) with solid colour. They will not fade, rot, rust or crack and they have built-in reflectors for enhanced night visibility.

And finally, Menni has been designed, developed and manufactured in Australia, referencing the relevant standards and using premium virgin grade materials suited to tough local conditions.

One product – Menni solutions.

Value features:

- » Designed, developed and manufactured in Australia.
- » Designed to comply with AS2890.1:2004 for wheelstops and AS1657:1992 for walkways.
- » Solid colour, U.V. stabilised, high tech composite plastic construction.
- » Supplied with fixings and connectors ready for installation.
- » Built-in edge reflectors for improved visibility for approaching vehicles.
- » Optional top reflector plugs for improved pedestrian safety.
- » Slip resistant texture moulded into surface.
- » Strengthened mounting points with large diameter load sharing washers.
- » Excellent outdoor weathering characteristics (min. 5 years).
- » Lightweight with incredible strength.
- » Modular design for ease of use and handling.
- » Other colours available on request (conditions apply).



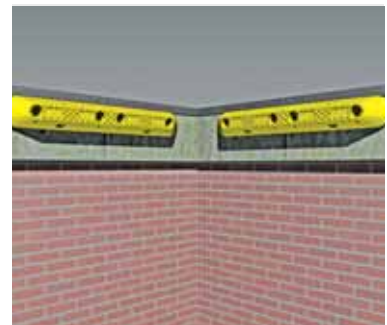
Menni used as a warehouse racking end protector. (See Section 8.1).



Used with our Q-panel system to create an impact resistant pedestrian fence. (See Section 2.1.1).



Menni modules connect together to form continuous lengths for traffic delineation.



Menni modules used as a wall mounted docking bumper. (See Section 3.6.2).



Menni used for asset protection or bunding applications. (See Section 3.4).



Menni modules used for vehicle wheel stops to comply with AS2890.1:2004. (See Section 5.1.1).

WARNING

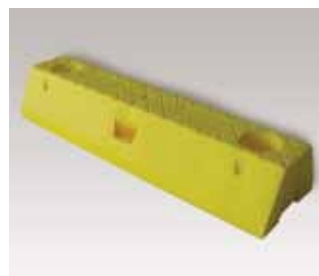
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IT'S AGAINST THE LAW – AVOID THE PAIN!

PART No.	DESCRIPTION
BME-Y	Menni end module – Yellow
BMB-Y	Menni body module – Yellow
BMT-Y	Menni T-intersection module – Yellow
BMC-Y	Menni 90 degree corner module – Yellow
BMR	Optional top reflector plugs



Menni end module.



Menni body module.



Menni T-intersection module.



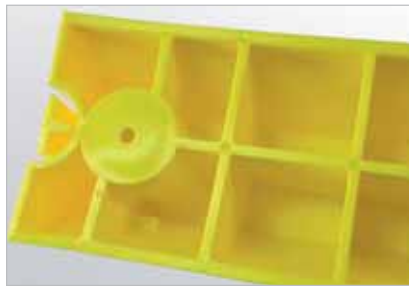
Menni 90 degree corner module.

MENNI FEATURES



Australian designed and manufactured

The Menni solutions system has been designed, developed and manufactured in Australia for tough Australian conditions. It has been designed to comply to the Australian Standards relevant to its intended uses.



Super tough construction

Super tough Linear Low Density Polyethylene (LLDPE) with its flexible character, plus the gusseted design of Menni combine to create a highly durable, U.V. and impact resistant product.



Moulded textured surface

The top surface of Menni has a textured surface to help with slip resistance. This texture is moulded in, which means it is there for the life of the product.



Unique moulded connection

This image demonstrates the principle of the connection between modules. The blanking plug doubles as a connector which locks the modules together prior to them being fixed to the surface. Even if a fixing were to come loose on one module it is still held in place by the connector.



50mm holes accept FRP post

All module mounting holes double as a socket to receive our 50mm diameter FRP posts. This enables Menni to be used for sign mounting or our FRP fence system.



Optional top reflectors

All Menni modules are supplied with blanking plugs to close off the mounting holes after installation. As an alternative, optional reflector plugs can be used for enhanced pedestrian visibility. Particularly, useful when used at the ends of Menni wheelstops.



Standard side reflector

Modules come standard with moulded in side reflectors. These built-in reflectors improve visibility for approaching vehicles. Optional top reflectors are available on request.



Supplied with all fixings

All modules are supplied with a full set of fixings, including large 50mm diameter load sharing washers, anchors and blanking plugs.



Supplied with blanking plugs

Standard blanking plugs are supplied with all modules and serve 2 purposes.

1. They cap off mounting holes after installation.
 2. They double as the module connector when inverted.
- Optional reflector plugs are available on request.

MENNI COMPONENTS

Menni end module

End modules provide a start and end point for any installation. The rounded and sloping end reduces tripping hazards or the risk of tyre damage to vehicles.

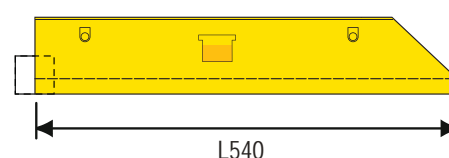
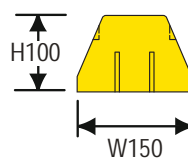
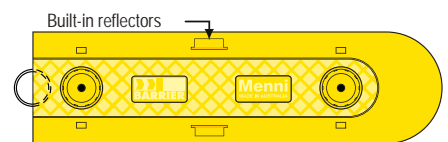
Specifications:

Description:	Menni end module.
Material:	Injection moulded Linear Low Density Polyethylene (LLDPE).
Finish:	Solid colour (Yellow standard. Others on request).
Dimensions:	L540 x W150 x H100mm.
Weight:	Approx. 2 kgs per module.
No. of fixings:	2 per module (supplied).
Connectors:	1 off per module (supplied).

BME-Y

Supplied with:

- » 2 x Masonry fixings.
- » 2 x 50mm dia. washers.
- » 2 x Blanking plugs.
- » 1 x Connector plug.



PART No.	DESCRIPTION
BME-Y	Menni end module – Yellow
BMR	Optional top reflector plugs

Menni body module

Body modules are used to provide length. They can be used in any quantity and they may be combined with end, corner & 'T' modules.

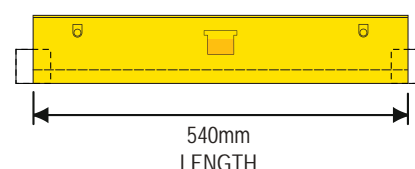
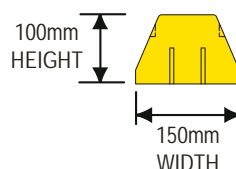
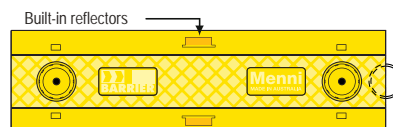
Specifications:

Description:	Menni body module.
Material:	Injection moulded Linear Low Density Polyethylene (LLDPE).
Finish:	Solid colour (Yellow standard. Others on request).
Dimensions:	L540 x W150 x H100mm.
Weight:	Approx. 2 kgs per module.
No. of fixings:	2 per module (supplied).
Connectors:	1 off per module (supplied).

BMB-Y

Supplied with:

- » 2 x Masonry fixings.
- » 2 x 50mm dia. washers.
- » 2 x Blanking plugs.
- » 1 x Connector plug.



PART No.	DESCRIPTION
BMB-Y	Menni body module – Yellow
BMR	Optional top reflector plugs

Menni T-intersection module

T-intersection modules allow intersecting lines of modules to connect to each other. Particularly useful in pedestrian fencing or trolley bay applications.

Specifications:

Description: Menni T-intersection module.

Material: Injection moulded Linear Low Density Polyethylene (LLDPE).

Finish: Solid colour
(Yellow standard. Others on request).

Dimensions: L300 x L225 x W150 x H100mm.

Weight: Approx. 1.1 kgs per module.

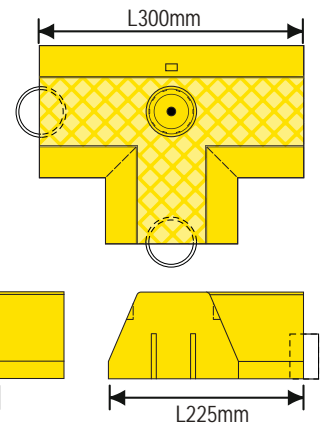
No. of fixings: 1 per module supplied.

Connectors: 2 per module supplied.

BMT-Y

Supplied with:

- » 1 x Masonry fixing.
- » 1 x 50mm dia. washer.
- » 1 x Blanking plug.
- » 2 x Connector plugs.



PART No.	DESCRIPTION
BMT-Y	Menni T-intersection module – Yellow
BMR	Optional top reflector plugs

Menni 90 degree corner module

Corner modules allow for left or right changes in direction of 90 degrees. Can be used with all other modules.

Specifications:

Description: Menni 90 degree corner module.

Material: Injection moulded Linear Low Density Polyethylene (LLDPE).

Finish: Solid colour
(Yellow standard. Others on request).

Dimensions: L225 x W150 x H100mm.

Weight: Approx. 0.8 kgs per module.

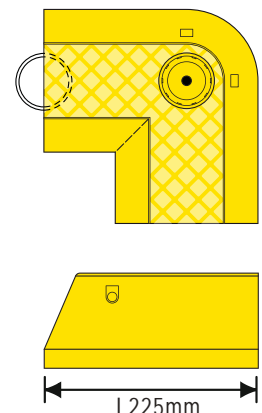
No. of fixings: 1 per module supplied.

Connectors: 1 per module supplied.

BMC-Y

Supplied with:

- » 1 x Masonry fixing.
- » 1 x 50mm dia. washer.
- » 1 x Blanking plug.
- » 1 x Connector plug.



PART No.	DESCRIPTION
BMC-Y	Menni 90 degree corner module – Yellow
BMR	Optional top reflector plugs

MENNI

Installation Procedure:

1. Using a chalk line, set out and position Menni modules **and connect together with connector plugs supplied.**
With a 10mm drill bit and impact drill, pilot drill the mounting holes for each module. (PHOTO'S 1 & 2).
2. Move the modules to one side and drill piloted holes with a 14mm drill bit 100mm deep. *(Note: If using concrete screw bolts instead of plastic plugs and coach screws drill size is only 10mm).* Clean dust from holes, insert plastic Hilti plugs and hammer flush with floor. (PHOTO'S 3 & 4).
3. Reposition Menni modules over holes and insert fixings making sure to use the large diameter washers supplied. (PHOTO 5).
4. Using an appropriate sized socket wrench or impact driver, tighten fixings. (PHOTO 6).
5. Fit blanking plugs supplied into fixing sockets and clean the site to complete your installation. *Note: Optional reflector plugs are available if required for improved night time visibility.* (PHOTO 7).
6. Go over completed installation and tighten all connections.

Notes:

- The moulded plastic caps supplied double as hole plugs and module connectors.
- To achieve long, straight lines use a string or chalk line.
- On completion check all fixings are tight.



WHAT YOU WILL NEED

- Tape measure and string line.
- Impact drill and masonry bits.
- Socket wrench or impact driver.
- Hammer.



1.



2.



3.



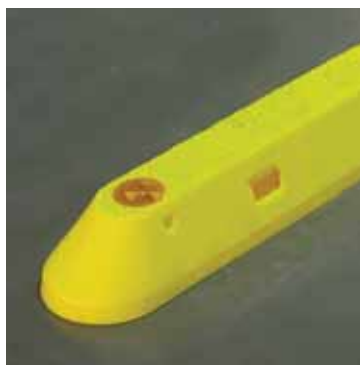
4.



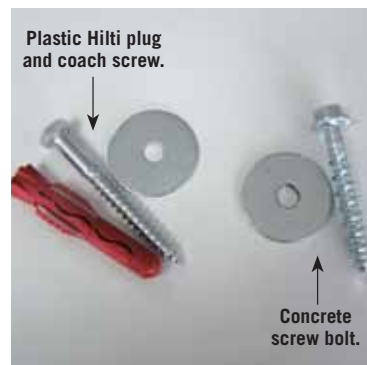
5.



6.



7.



The two types of fixings available.



LEGEND



AUSTRALIAN CONTENT

This product has been designed, developed and is either completely or substantially manufactured in Australia. (The minimum Australian content is between 50 and 100%).



NEW AND UNIQUE

This is a new and unique product. It has either been designed, developed and manufactured by the Barrier Group Pty. Ltd. or it is being seen here for the first time.



100% RECYCLABLE

This product is manufactured from virgin grade raw materials and is 100% recyclable using existing, readily available recycling technology and services.



RECYCLED MATERIALS

This product has been manufactured from either a combination of recycled materials and virgin grade materials or entirely from recycled materials.



HOT DIP GALVANISED

This product has been hot dip galvanised prior to any surface coatings being applied. Hot dip galvanised offers vastly improved corrosion protection and extended life in harsh environments.



FIXINGS INCLUDED

This product comes complete with all the necessary fixings to complete the standard installation. When comparing competitors prices against our own, always ensure they have included the fixings with the product (excludes gravel spikes).



5 YEAR WARRANTY

This product carries a 5 year limited warranty against structural failure due to faulty materials or workmanship in our manufactured products, OR structural failure and major fading due to U.V. degradation in our injection moulded products.

(For full conditions visit www.barriergroup.com.au).

WARNING

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