

**STURDY**  
**PRODUCTS LTD**

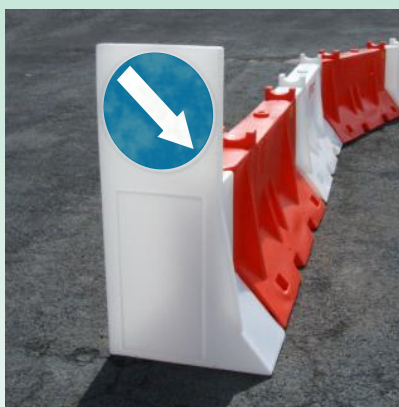
*Road Furniture*

# Road Barrier System

The Sturdy Road Guard Barrier is the ultimate in function and convenience. It is a safer and a more practical alternative to posts or cones. It is also more convenient than concrete or steel barriers as no heavy lifting equipment is needed. The Road Guard Barrier has a low centre of gravity and can be filled with water to 'anchor' it in place. The Road Guard Barrier can also be secured to asphalt or concrete by a unique clamping system. Holes are strategically placed to prevent the barrier being overfilled and becoming too heavy to be manually handled. Unique stacking features help during transportation and storage. Forklift slots allow for lifting of stacked units. Each Road Guard Barrier weights less than the recommended manual handling load and can be easily arranged by just one person. 100 units give 200 linear meters of continuous 'no gap' barrier, which can be delivered to site on one 40ft trailer. Removing the large 150mm rubber fill cap on the top of the Road Guard Barrier allows each unit to be filled with ease. A smaller rubber plug is located at the bottom of each unit to allow it to be emptied without the need to tip it over. The unit is manufactured from UV stabilised polyethylene and is 100% recyclable. The system is effective in all weather conditions. The UV stabilised polyethylene plastic will not discolour in sunlight.



Road Guard	
Width:	660mm
Length:	2430mm
Road Coverage:	2000mm
Height:	870mm
<b>Code:</b>	<b>384-A</b>

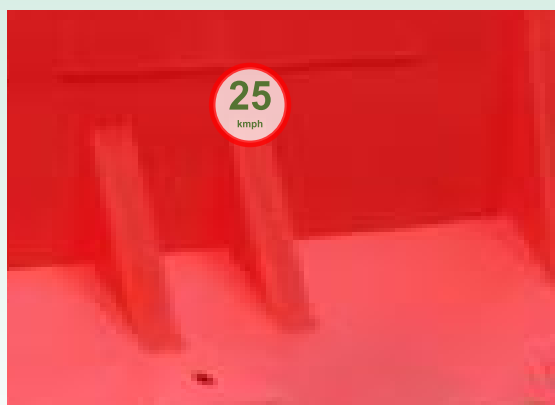


Starter Road Guard	
Width:	720mm
Length:	600mm
Height:	1320mm
<b>Code:</b>	<b>385-A</b>

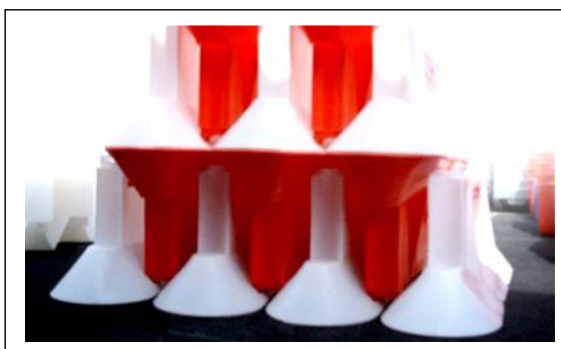


End Road Guard	
Width:	660mm
Length:	975mm
Height:	800mm
<b>Code:</b>	<b>386-A</b>

The Road Guard Barrier is ideal for traffic re-routing, building and construction sites, temporary road closures, car parks, contra flow systems, airport/ferry terminals, sports or special events and footpath detours.



Intermediate Road Guard	
Width:	720mm
Length:	1150mm
Road coverage:	650mm
Height:	1320mm
<b>Code:</b>	<b>387-A</b>



# Road Safety Pole



The Sturdy Road Safety Pole is designed as a marker pole which can be used to segregate roadways or indicate certain areas within a complex. The bollard can be left free standing or fixed in place using anchor bolts. Each bollard is fitted with two strips of Class 2 Reflective Material as standard. The bollard is manufactured from medium density polyethylene UV stabilised giving a product that will result in minimum amount of damage to any vehicle, should an accident occur.

A variety of materials can be used giving a rigid high density finish or a more flexible rubberised type material.

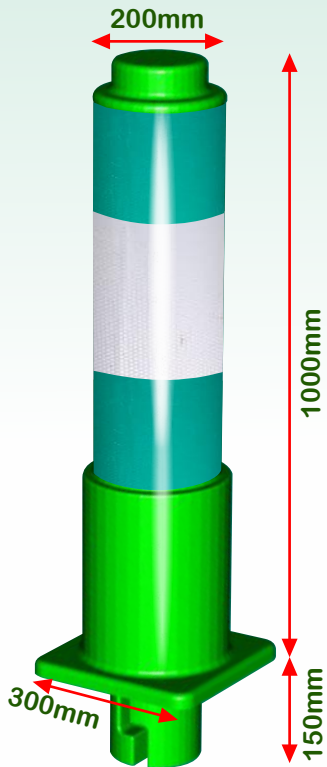
The Road Safety Bollard is ideal for use in car parks, shopping centres, drive thrus, airports and security areas.

The Pole is available in green or blue as standard. Other colours are available upon request.

## Technical Information

Footprint: 215mm x 215mm  
 Height: 700mm  
 Code: 236-A

# Delineator Pole



The Sturdy Traffic Delineator Pole is designed to alert motorists about upcoming intersecting roads as per EU National Road Network requirements.

It is available in a standard colour of green but other colours are available on request. Each Traffic Delineator Pole is fitted with a Class 2 Reflective Material as standard. This is made up of two green stripes either side of one white stripe. The pole can be fixed by setting it in concrete or by inserting it into the unique Sturdy Steel Receptacle Base. If the Receptacle Base is used it allows for the replacement of damaged delineator poles without the need to excavate or replace concrete.



## Technical Information

Footprint: 300mm x 300mm  
 Height: 1000mm  
 Code: 324-A

## Code

Code: 279-A

# Flexi Bollard



The Sturdy Flexi Bollard is used as a delineator on regional, national, motorway roads, or even in private areas.

The Flexi Bollard is fixed to the ground with one hidden bolt through the centre at the bottom.

The Flexi Bollard has two bands of class 2 reflective material which allow the pole to be seen easily by oncoming traffic.

The material is highly resistant to weathering ensuring a lengthy life of your bollard.

The bollard has two handles on the top to make installation at the fixing stage easy and quick.

It will fully bend over and not shatter if hit with a vehicle.



## Technical Information

Footprint: 200mm dia.  
Height: 730mm  
Code: 529-A

# Abutment Bollard



300mm



1600mm

The Sturdy Abutment Bollard is designed to make motorists aware of potential hazards which may not be visible at first glance. These hazards can range from embankments, road islands or uneven surfaces.

The Abutment Bollards are manufactured using the rotational moulding process, which gives a flexible one piece product that will result in the minimum amount of damage to any vehicle, should an accident occur.

The Abutment Bollard comes with a base receptacle and has a bayonet style locking mechanism which allows the bollard to be installed with ease.

The Abutment Bollard comes with a class 2 high grade reflective material. These consist of white stripes 200mm apart.

## Technical Information

Width: 300mm dia.  
Height: 1600mm  
Code: 508-A

## STURDY 500kg Grit Bunker

### Technical Specifications:

Capacity  
20 Bags

Width  
800mm

Length  
1200mm

Height  
840mm

Product Code  
495 - A



## STURDY 225kg Grit Bunker

### Technical Specifications:

Capacity  
9 Bags

Width  
595mm

Length  
985mm

Height  
620mm

Product Code  
410 - A



The STURDY Grit Bunkers are designed to hold salt, grit or sand during the winter months. They are used in driveways, on paths, school yards, car parks and even on main roads. We can also provide hand held shovels as an optional extra for ease of application.

## Pedestrian Barrier

### Technical Specifications:

Width  
75mm

Overall Width  
600mm

Length  
1750mm

Height  
1000mm

Product Code  
437 - A



The Sturdy Pedestrian Barrier is easy to manoeuvre and handle. Its stacking system makes it an all round winner with contractors for transporting and storing, as it fits easily in most service vans. Its unique design allows clear visibility to construction staff and pedestrian users alike. The Pedestrian Barrier manufactured from UV stabilised polyethylene which makes it durable and corrosion resistant.

The Pedestrian Barrier can be used in tight areas such as covering manholes without creating major inconvenience to pedestrians or road users.

It is available in a range of colours.

As an optional extra your company name or logo can be printed on side of the Pedestrian Barrier to help promote your company.

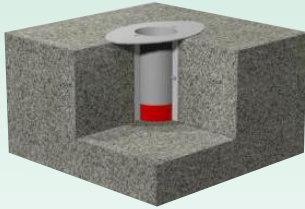
# Musoir Poles

The Sturdy Musoir Poles are designed to aid safety and alert motorists of upcoming road intersections and slip roads as per European Road Network Requirements.

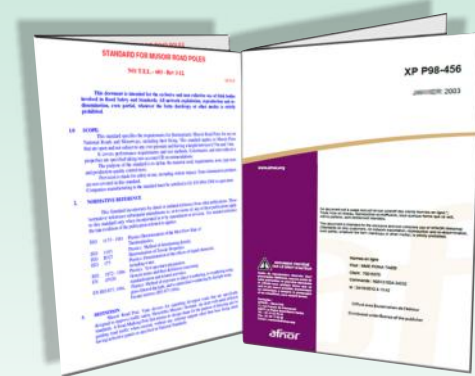
Each set consists of 12 poles which are fitted with class 2 reflective material as standard but can be fitted with other grades upon request.

The poles are fitted in position using a steel receptacle base which is embedded in the ground. The poles slot into these receptacles and are then fixed to these receptacles using two bolts.

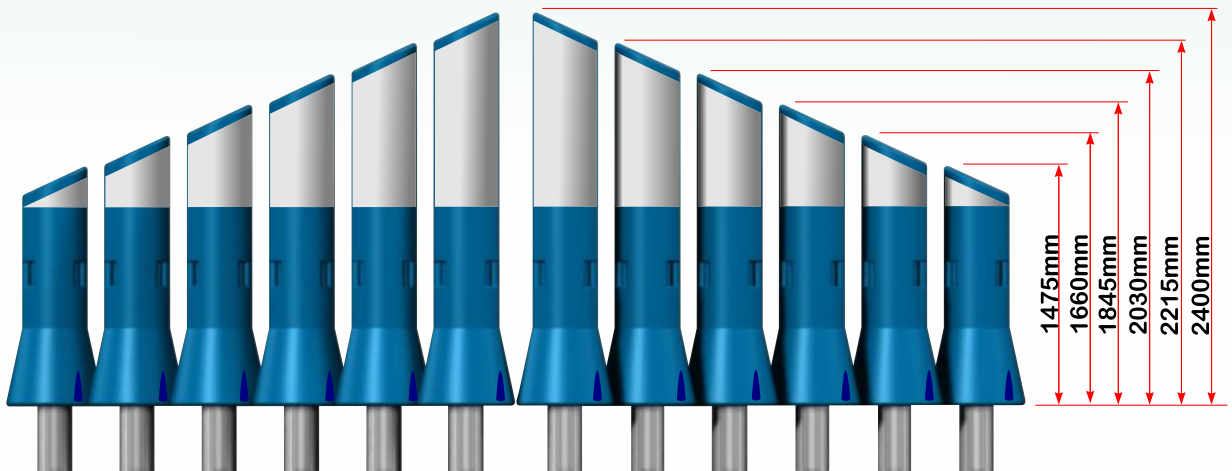
The poles are aerodynamically designed, so as to allow wind and turbulence caused by vehicles to pass around each pole, thus reducing the wind resistance.



Base Configuration



Complies with International Standards



Technical Information	
Footprint:	580mm x 360mm
Codes:	500-A to 505-A

# Road Dividers



Small Musoir	
Width:	1070mm
Depth:	790mm
Height:	1210mm
<b>Code:</b>	<b>232-A</b>

The Sturdy Road Dividers (Musoirs) - Are designed to alert motorists of upcoming road intersections and slip roads as per European Road Network requirements. Each divider is fitted with Class 2 Reflective Material as standard but can be fitted with other grades upon request. They are manufactured from UV stabilised polyethylene, which is a strong durable plastic. A flexible rubber type material is also available upon request. The Musoir can be anchored in place using bolts, sand or water. It can be provided with opening back hatch which can accommodate the storage of sand or salt.

Large Musoir	
Width:	2000mm
Depth:	1400mm
Height:	1660mm
<b>Code:</b>	<b>234-A</b>



# Sloping Musoir Pole

The Sturdy Sloping Musoir Pole is for use on national roads and motorway junctions to indicate a division in a road. These are designed to be used on narrow chevrons, where a full Musoir Pole set cannot be used.

This one piece product that will result in the minimum amount of damage to any vehicle, should an accident occur. The material is designed to shear off at the bottom should as a result of an accident.

The Pole comes with a steel base receptacle and has a bayonet style locking mechanism which allows the poles to be installed with ease. Trained personnel can easily replace the pole in minutes when required.

The Sloping Musoir Pole comes with a class 2 high grade reflective material. The Musoir Pole has a curved, up facing front surface that catches a maximum amount of light to ensure greater visibility to road users.



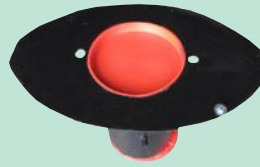
Technical Information	
<b>Code:</b>	<b>469-A</b>



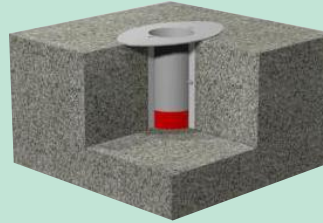
Abutment Post  
receptacle



Delineator Post  
receptacle  
Code: 279-A



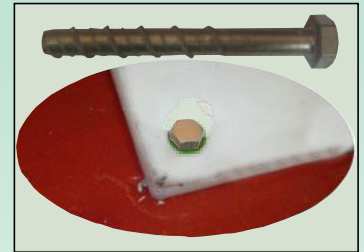
Musoir Pole  
receptacle  
Code: 506-A



Road Guard Clamp



Musoir Clamp



Anchor bolt in Sloping  
Musoir



Salt/ Grit Scoop  
Code: 476-A



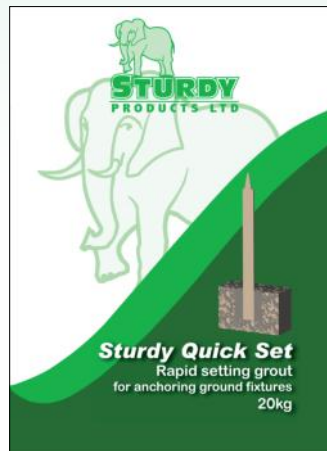
Musoir Filling Hatch  
(for water or sand)



Salt  
Code: 478-A



Sand/ Grit  
Code: 478-A



Quickset Grout  
(Rapid setting  
fixing grout)  
Code: 491-A



Road Guard filling hole  
(for water or sand)





**STURDY PRODUCTS LIMITED**  
Blessington Industrial Estate,  
Blessington,  
Co. Wicklow,  
Ireland

Tel: +353 (0)45 865044

Fax: +353 (0)45 865721

E-mail: [sales@sturdyproducts.com](mailto:sales@sturdyproducts.com)

Website: [www.sturdyproducts.com](http://www.sturdyproducts.com)

**Looking forward to hearing from you.**

