

TOTAL SAFETY PRODUCTS

Safety is not given but designed.

Certified with ISO 9001

Acquired Certified of Eco-Label

Acquired Certified of Q-Mark

Acquired Certified of KS

Acquired Certified CE Marking



CE





Main results

1980

MAY	1987	Shindo Industry Founded
JULY	1988	Signed a technical partnership agreement with Umeda Model of Japan

1990

FEB	1990	Completed Head Office and Factory Buildings in Shihwa Industrial Complex in Shiheung-si
MAY	1990	Incorporated under the name of Shindo Proto Industry Co., Ltd.
MAR	1991	Registered as an equipment partner of Hyundai Motors, Kia Motors and Daewoo Motors.
JUN	1993	Designated a "Promising Small and Medium Enterprise" by Shinhan Bank
DEC	1993	Authorized as an organization permitted to have its technical engineers exempted from military service by the Military Manpower Administration
MAY	1994	Certified as a Promising Advanced Technology Company by the Ministry of Commerce and Industry (Certification No. 90522)
MAR	1998	Designated a "Promising Small and Medium Enterprise" by Gyeonggi-do Province
AUG	1998	Plastic Guard Wall designated a "new technology" by the Ministry of Construction and Transportation (No. 118)
OCT	1998	Registered as a Venture Company by the Gyeonggi Province Small and Medium Business Administration
DEC	1999	PE Guard Wall designated an "Excellent Product" by Public Procurement Service

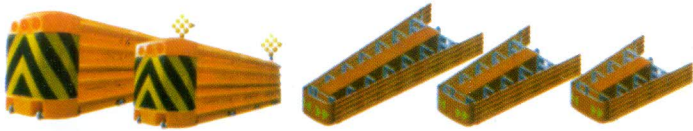
2000

DEC	2000	Global ISO 9002 Certified
APR	2001	Elastic Tape Parking Spot Marker designated an "Excellent Product" by the Public Procurement Service.
JUL	2001	Registered as a Venture Company by the Small and Medium Business Administration
APR	2002	Q Mark certified by the Korea Environment & Merchandise Testing Institute
JUL	2002	Gyeonggi-do Paju Factory completed (approx. 6600 square meters)
DEC	2002	Designated an "Inno-Biz" company by the Technological Innovation Association
APR	2003	PE Crash Cushion passed "Real Car Crash Test" by the Ministry of Construction and Transportation
AUG	2003	Joined the Korea Recycled Plastic Industry Cooperative Association
AUG	2003	Designated a "Gyeonggi Internet Trading Frontier Company" by Gyeonggi-do
JAN	2004	Implemented Die Casting Automation System
SEP	2004	Road Stud KS certified by Korea Standards Association
JUN	2005	Certified E-Mark [twenty six products]
JUL	2005	Airbag System is passed the Barrier Crash Test (CC2 Grade) by the Ministry of Construction and Transportation
APR	2006	Road safety Mirror (Stainless) manufacturing facilities are automated.
JUL	2006	CC2 Grade Impact-absorbing facilities of New Technology certified officially.
AUG	2006	Unit-price contract with the Supply Administration
FEP	2007	Cushion Tank System is passed the Barrier Crash Test (CC2 Grade) by the Ministry of Construction and Transportation
MAR	2007	Participated in the fair "Intertraffic China"
JUL	2007	Participated in the fair "7th Malaysian Road Conference"
APR	2008	Participated in the fair "2008 Intertraffic Amsterdam" and "2008 intertraffic Beijing"
APR	2008	established Branch Office in Qingdao China
NOV	2008	Participated in "2008 Rodex/Raillex Abu-Dhabi exhibition"
MAR	2009	Participated in "2009 Intertraffic Shanghai"
MAY	2009	Participated in "2009 Intertraffic Istanbul"
JUL	2009	Cushion Tank System is passed the Barrier Crash Test (CC3 Grade) by the Ministry of Construction and Transportation

2010

OCT	2010	Shindo CEN Parallel Cushion Tank Systems(CCS110, CCS100, CCS80, CCS50) passed European Standard Impact Test EN1317-3.
JUL	2011	Certified NET OF Flexible Delineator Post
AUG	2011	Certified CE Marking for Shindo CEN Parallel Cushion Tank Systems
MAR	2012	Shindo Non parallel Cushion Tank System(50, 80, 100, 100km/h performance) passed European standard impact test EN1317-3.
APRIL	2012	Participated in the fair "2012 Intertraffic Amsterdam"

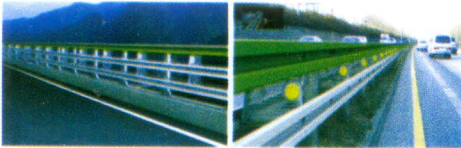
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03,04 | EU-CCS 50.80.100.110 / EU-CCS (Large) 50.80.100.110



05 | Honey Comb System / Rolling Guard Barrier / PCS-1,2,3



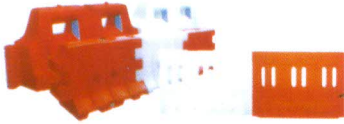
06,07 | Shindo Open Type Guardrail
Joint-Type Median Strip - SB Grade 5



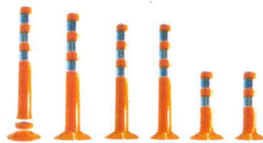
08,09,10 | Joint Type Safety Fence
Safety Fence Of Joint Type For Bridges



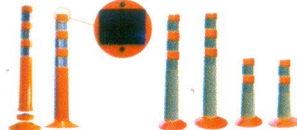
11 | Bridge GuardRail



12 | Pstolic Jersey Barrier / Line Bairier (Big)



13 | Assembly Flexible Delineator Post
Flexible Delineator Post



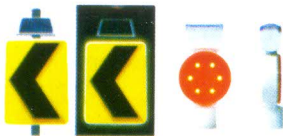
14 | Solar Flexible Delineator Post
All Side Reflective Delineator Post



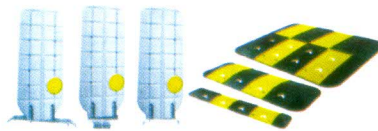
15 | Black Boxfor Crash Cushion



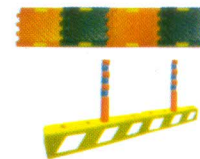
15 | Traffic Speed Display



16 | Solar LED Arrow Sign Board
Lane Block



17 | Anti Glare Board / Rubber Speed Hump



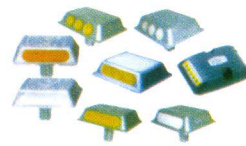
18 | Portable Speed Hump
Sequential Blinking Delineator



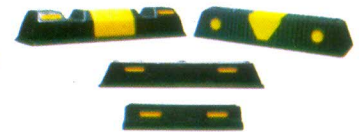
19 | Flexible Reflective Delineator / Safety Guide Robot



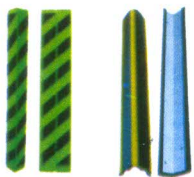
20 | Anti-fog Convex Mirror
Safety Convex Mirror



21 | Road Stud



22 | Car Stopper



22 | Comer Guard



23 | Plastic Sign Board
Smart Sign Board



24 | FourSide Tumbler Sign Board
Circle Sign Board Stand



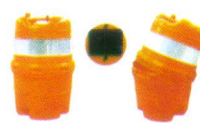
24 | Curb Mirror



25 | Smart Fence



25 | Safety Barricade / Plastic Barricade



25 | Safety Barrel
Solar Safety Barrel



26 | Traffic Cone

Shindo CEN Cushion Tank System

The Shindo CEN System is designed to protect motorists in vehicles from 900 kg to 1500 kg from roadside hazards. The Shindo CEN System has been tested in Europe as a redirective crash cushion to the maximum 100 km/h using EN1317-3 criteria. To fully comply with the definition of a System Type tested crash cushion, the Shindo CEN has been further tested at 110 km/h, 80 km/h, and 50 km/h. The Shindo CEN family of crash cushions provides a broad range of impact protection for a variety of hazards and speeds, yet shares a number of common components.

Shindo's impact attenuator product has passed the standards of the Korean Ministry of Land, Transport and Maritime Affairs as well as China's Ministry of Transportation and the European impact testing standard.

The European Standard EN1317-3 and CE Marking is approved by the Committee European de Normalization(CEN), Europe's committee of standardization which includes the following nations: UK, Sweden, Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Switzerland, etc.



EU-CCS110

L7,994 x W800 x H1,010(mm)



EU-CCS100

L7,994 x W800 x H1,010(mm)



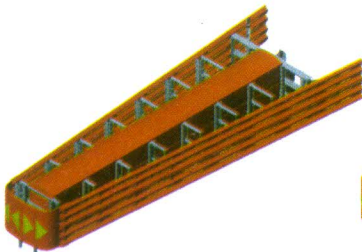
EU-CCS80

L4,474 x W800 x H1,010(mm)



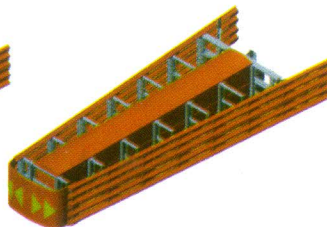
EU-CCS50

L3,594 x W800 x H1,010(mm)



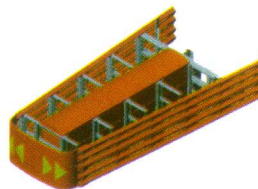
EU-CCS110 (Large)

L7,829 x W1,429(2,600) x H1,000(mm)



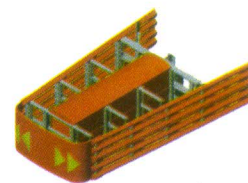
EU - CCS100 (Large)

L6,952 x W1,569(2,600) x H1,000(mm)



EU - CCS80 (Large)

L5,196 x W1,849(2,600) x H1,000(mm)



EU - CCS50 (Large)

L4,317 x W1,989(2,600) x H1,000(mm)

CEN Cushion Tank System Detail View

- Various size of Crash Cushion 50, 80, 100, 110kph (Parallel & Large Type)
- The lowest priced impact attenuator system
- Refined design well matched with an urban fine view
- Easy maintenance and repairs after an accident due to a simple structure of parts.

Shindo Industry Co., Ltd crash cushion CE marking process

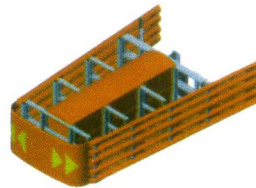
- 1) Products: EU-CCS110, EU-CCS100, EU-CCS80, EU-CCS50 Parallel and Large Type.
- 2) CE certification agency : CSI, Italy
- 3) CE certification date : Parallel - June 2011
Large Type - April 2012

Cushion Tank System

Cushion Tank System 50 (EU-CCS50)



EU - CCS50
L3,594 x W800 x H1,010(mm)



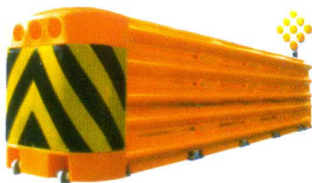
EU - CCS50 (Large)
L4,317 x W1,989(2,600) x H1,000(mm)

50km/h installation point

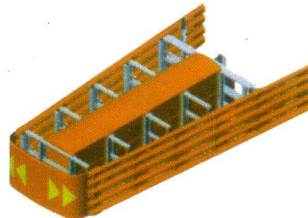
- Expressway Toll Gate, End of concrete & plastic barrier.
- Front Side of bridge post. Tunnel & underpass of Urban district street
- Narrow junction point



Cushion tank System 80 (EU-CCS80)



EU-CCS80
L4,474 x W800 x H1,010(mm)



EU-CCS80 (Large)
L5,196 x W1,849(2,600) x H1,000(mm)

80km/h installation Point

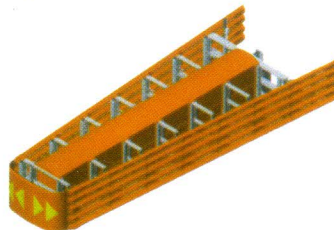
- Expressway Toll Gate
- Front side of bridge post
- Junction Point



Cushion Tank System 100 (EU-CCS100)



EU-CCS100.
L7,994 x W800 x H1,010(mnn)



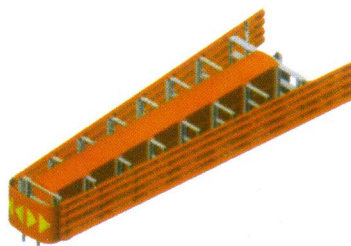
EU-CCS100 (Large)
L6,952 x W1,569(2,600) x H1,000(mm)

100, 110km/h installation Point

- Expressway junction
- Exit to Expressway



EU-CCS110.
L7,994 x W800 x H1,010(mnn)



EU-CCS110 (Large)
L7,829 x W1,429(2,600) x H1,000(mm)

Honey Comb System



Size: L3,600 x W900 x H900(mm)



Key Features

- Non-redirective Crash Cushion System(60km/h)
- Easy to Install and maintenance
- PC reflector is inserted and reflective sheet is attached

PCS-1,2,3

PCS-1



L900 X W600 X H900(mm)

PCS-2



L900 X W900 X H900(mm)

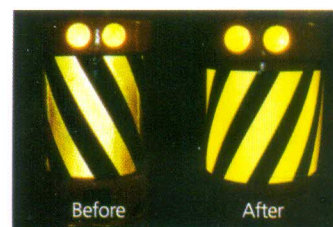
PCS-3



L1,000 X W1,200 X H900(mm)

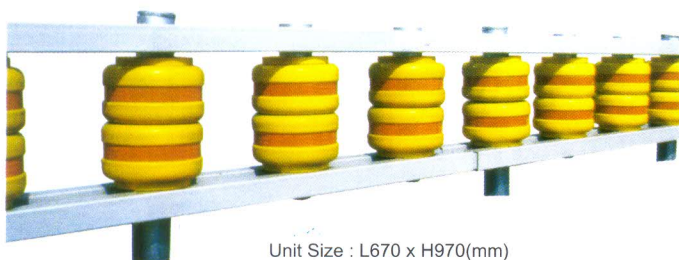
Key Features

- The lowest-price product in Korea that is easy to install.
- PC reflector is inserted molded to improve the night-time visibility.
- Eco-friendly product certified E-Mark



Reflecting Effect at night

Rolling Guard Barrier



Unit Size : L670 x H970(mm)



(Small Car(1.3t) Test)



(BigVehicle(14t)Test)

Key Features

- SB4 grade(speed: 80km/h)
- Excellent to absorb shock energy due to Roller made of special EVA
- Stopper pins help prevent larger accidents by slowing down Roller's spin.
- Easy to install

Installation Point

- Sites where vehicles are exposed to frequent accidents.
- Curb road. Tunnel, End of the Guardrail and Barrier.

Shindo Open Type Guardrail

■ Overview

[Definition]

This guardrail means a facility installed at shoulder, center of road or bridges in order to safely protect vehicle passengers, vehicles, pedestrians or major facilities around the road by preventing vehicles that progress in wrong direction during driving from being separated to opposite lane or sidewalk.

[Function]

- ☐ Recover collided vehicle to a normal driving course.
- ☐ Secure safety of passengers of collided vehicle.
- ☐ Eliminate traffic hindrance by collided vehicle or guard rail.
- ☐ Secure safety of pedestrians.
- ☐ Protect facilities of road side.
- ☐ Minimize physical damages.
- ☐ Optical guidance of drivers.

[Models]

[Classification by installation location and function]

- ☐ Separated response: Response by median strip
- ☐ For bridges: Guard rail installed at bridges, overpass and other roads having similar structure
- ☐ For road side: As a guard rail installed at roadside of driveway and boundary between walkway and driveway, it prevents separation of vehicles and protects pedestrians and bicycle users.

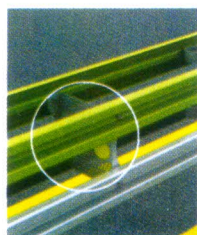
[Application]

[Design standard of guard rail by Korea Expressway Corporation dated July, 2008]

- ☐ High embankment section of which embankment height is over 15m
- ☐ A section where a sense of openness is required as bridges are successively present in a row.
- ☐ A section where landscaping is required as surrounding scenery is beautiful.
- ☐ A section where snow clearing work is required due to snow cover.
- ☐ A section where installation of open type guard rail is required

■ Composition of open type guardrail

Rail stiffening plate



Before collision



After collision

Stiffening plate installed at frontal rail and rear rail reduces product damage and strengthens durability by distributing shock at the time of collision with vehicle.

Strengthening support



Strengthening Support being inserted in the support increases the supporting strength

Connecting apparatus for collision absorption



Before collision



After collision

Circular connecting apparatus installed between joint support and guard rail reduces shock applied to vehicle by absorbing such shock through its transformation (circular form -> oval form) at the time of collision with vehicle.

Glare shield



This shield blocks high beam of vehicle completely by installing stiffening plate at high beam angle of vehicle head light and attaching glare shield at its upper part.

Open Type Guard Rail (for bridges, median strips and road)



For bridges H1,100 x L2,000 x W37.5cm - SB Grade 6



For median strips H900 x L3,000 x W25cm - SB Grade 4



For median strips H850 x L2,000 x W50cm - SB Grade 5
(Glare shield available)



For median strips H850 x XL2,000 x W60cm - SB Grade 5
(Glare shield not available)



For roadside H850 x L4,000 x W35cm - SB Grade 2



For roadside H850 x L4,000 x W35cm - SB Grade 3



For roadside H850 x L2,000 x W38cm - SB Grade 4



For roadside H100 x L3,000 x W35cm - SB Grade 5

Joint Type Safety Fence

■ Characteristics of joint type safety fence

.Connection between each rail

– Based on an exclusive know-how of 3S, safety function is enhanced by fastening rail connecting unit with bolt by overlapping it through leveling its height in order to avoid any raised spot and impact absorption function is maximized by widely distributing shock (impact) to be taken place at the time of vehicle collision by increasing strength.

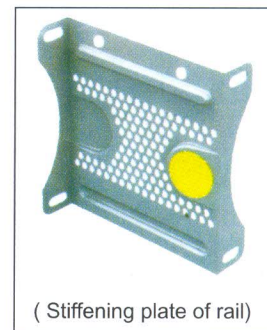
– Stability and aesthetic appearance are raised by forming bolt in W shapes so that it may not be protruded.

.Rear side rail

– Strength of safety fence for bridges or roadside is increased by installing rail at the rear side of support.

.Stiffening plate of rail

– By inserting rail stiffening plate between frontal rail and rear rail, stress of vehicle collision is distributed and by attaching reflection sheet of super high brightness, a function of optical guidance is increased.



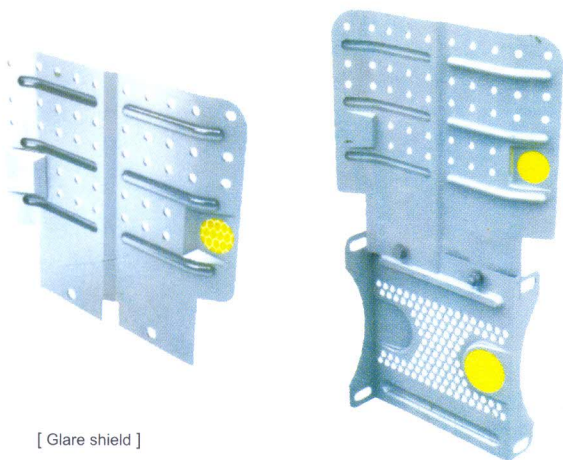
(Stiffening plate of rail)

■ Overview of safety fence

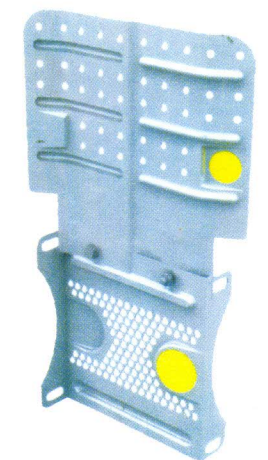
[Glare shield]

✕ Perfect shading function

Vehicle head light of opposite lane is perfectly blocked by attaching stiffening plate at high beam angle of vehicle head light and glare shield at the upper part.



[Glare shield]

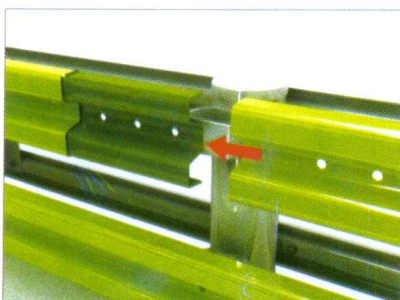


[Rail stiffening plate + glare shield]



[Photo showing assembly of rail+rail stiffening plate+glare shield]

■ Assembly Drawing of Rail and Stiffening Plate



[Rail Assembly]



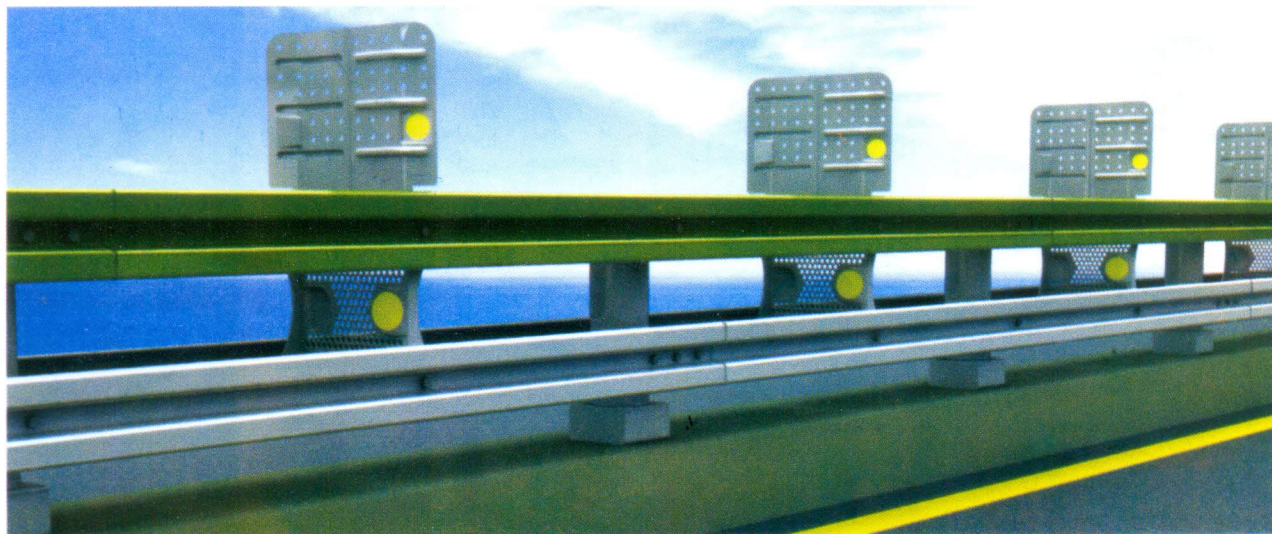
[Assembly of Rail and Rail Stiffening Plate]



[Assembled View of Rail and Rail Stiffening Plate]

Joint-Type Median Strip - SB Grade 5

Joint type median strip for bridges L2,000 x W500 x 2 steps - SB Grade 5



■ Shock absorption function

Passengers are safely protected and damage of vehicles is reduced by shock absorption of jointed support for its being twisted at the time of collision.

■ Self recovery function

Damage of structure is prevented by blocking transfer of tension to structure as jointed support absorbs shock.

■ Structure Protection

Structures are protected because the joint support absorbs the impact and blocks the stress.

■ Outstanding aesthetic appearance

As surface was treated with color powder considering safe driving, color looks beautiful and aesthetic appearance is outstanding.

■ Excellent visibility and optical guidance function

For its rail type of excellent visibility and optical guidance function, driving convenience is provided to the drivers.
(For nighttime optical guidance function, delineator attached with reflective sheet of high brightness is installed at 2m interval.)

■ Excellent durability

Rust generation and corrosion are prevented as support and rail were powder-treated after galvanized zinc plating based on solid steel.

■ Easy maintenance

Maintenance is easy as product is semi-permanent without its damage at the time of vehicle collision and partial replacement is convenient.



[Shinnae underpass]



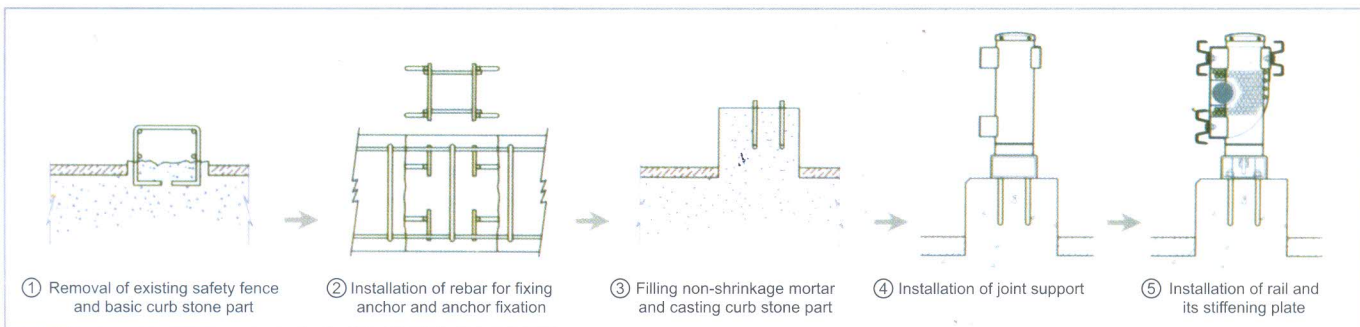
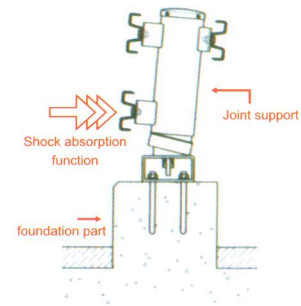
[Bongcheon stream covered road]



[Southern end of Olympic Grand Bridge]

Safety Fence Of Joint Type For Bridges

- This product is suitable for protecting structure by reducing impact to bottom plate of structure or curb stone as joint support absorbs shock at the time of collision with vehicle.
- Damage to structure (bridges, overpass) itself is prevented by blocking stress transferred to foundation and bottom plate as joint support absorbs shock energy for its twisted function at the time of collision with vehicle.
- Installation sequence of repair work for safety fence for bridges



▲ Youngdeungpo Yoeui-2gyo of 2 steps x L2,000-SB Grade 5



▲ APocheon city Bupyeong-2gyo of 2 steps x L2,000F-SBGrade5



▲ Seoul Banpo Grand Bridge of 2 steps x L2,000-SB Grade 5

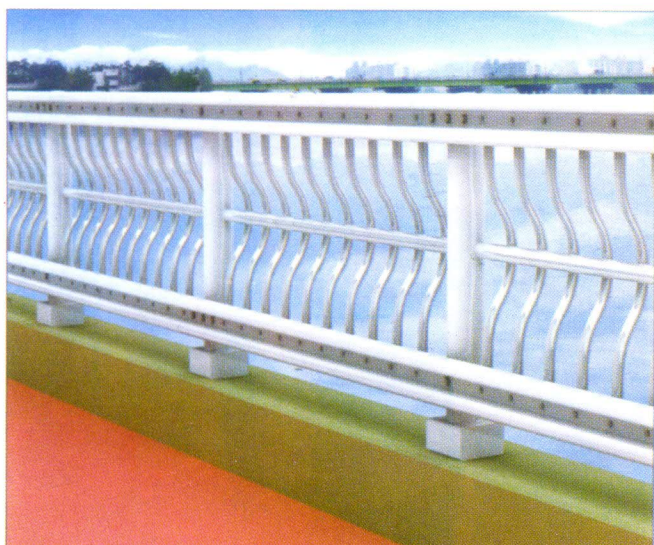
Bridge Guard Rail

▲ Guard rail for bridges, walkway and overpass of expressway, exclusive road for vehicles and general roads

Product name	Size	Characteristics and advantages	Remark
Bridge guardrail Type A	H1,100 x L2000	<ul style="list-style-type: none"> Support and rail are resistant to rust and corrosion as it is powder-painted on galvanized zinc plate for general structure and its aesthetic appearance looks outstanding. Frame looks light as STS304 pipe is used. 	<ul style="list-style-type: none"> Support & rail : Galvanized zinc plating + powdered painting Frame : STS304
Bridge guardrail Type B	H1,100 x L2000		
Joint type bridge guardrail A	H1,100 x L2000		
Joint type bridge guardrail B	H1,100 x L2000		

■ Location to be installed in case of walkway

In case that safety fence is installed at boundary between walkway and driveway, this guardrail is installed at the end of bridge in order to prevent pedestrians and bicycles from being deviated (separated) to bridge outside.



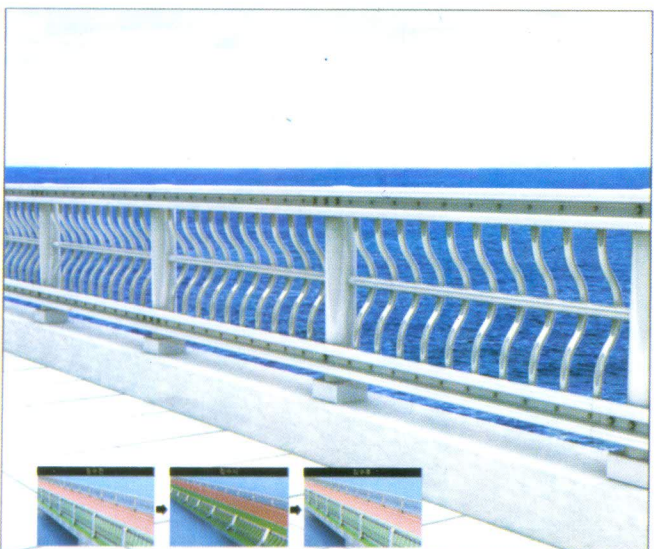
Bridge guardrai Type A

H1,100 x L2,000



Bridge guardrai Type B

H1,100 x L2,000



Joint type bridge guardrail A

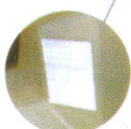
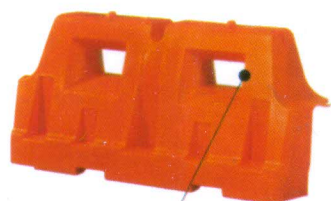
H1,100 x L2,000



Joint type bridge guardrail A

H1,100 x L2,000

Plastic Jersey Barrier



Reflective

Drain

Large Size

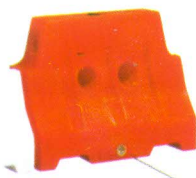
L2,000 X W600 X H900(mm)



Drain

Medium Size

L1,200 X W600 H900(mm)



Drain

Small Size

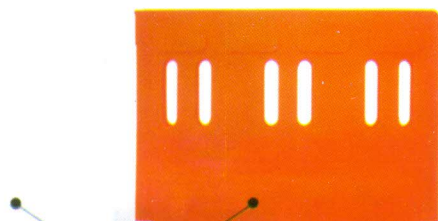
L1,200 X W590 H900(mm)



"Plastic Jersey Barrier passed the crash test certified by the Ministry of Construction and Transportation."

Plastic Jersey Barriers use advanced caps for drainage, utilizing the principle of stronger tightening with increasing pressure in the Plastic Jersey Barrier, and never leaks water. However, other similar products look almost the same, but water leaks out from the cap, and some products do not even have a drain.

Line Barrier (Big)

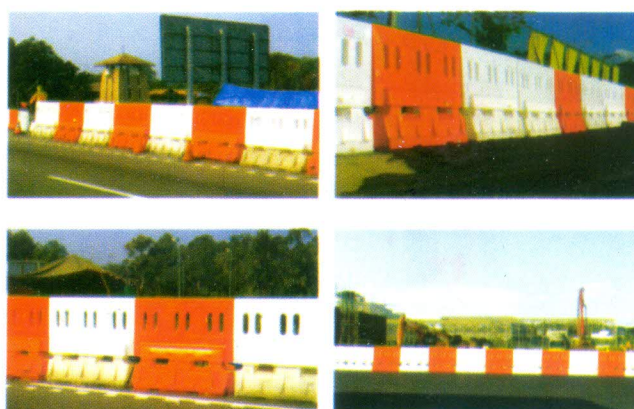


Drain

Size: L2,035 x W420 x H1,220(mm)

Key Features

1. Strong impact resistant
2. After putting water inside it is 150kg



Assembly Flexible Delineator Post

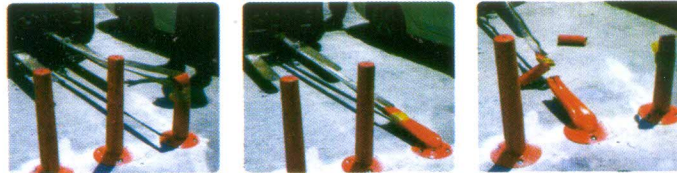


Complete maintenance done with easy replacement just like changing razor blades.

Key Features

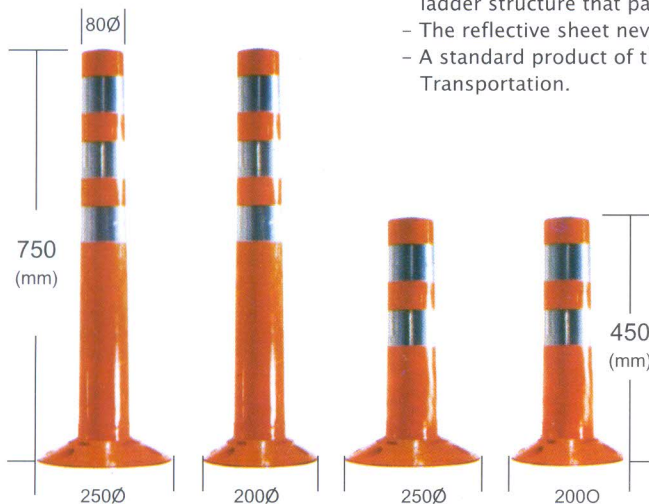
- Easy replacement of Upper Guide Post only with no special equipment. Semi-permanent use of Lower Base.
- Maintenance cost saving with replacement of Upper Guide Post only.

Size : 200Ø X 80Ø X H750 (mm)
200Ø X 80Ø X H450 (mm)
250Ø X 80Ø X H750 (mm)
250Ø X 80Ø X H450 (mm)



Flexible Delineator Post

Size : 200Ø X 80Ø X H750 (mm)
200Ø X 80Ø X H450 (mm)
250Ø X 80Ø X H750 (mm)
250Ø X 80Ø X H450 (mm)



"Resilience is very important for Flexible Guide post."
Shindo's Flexible Delineator Post has the best resilience.

Key Features

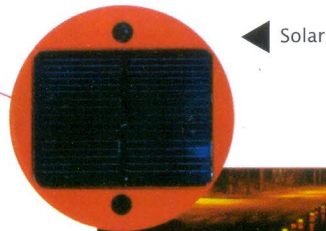
- Top-quality flexible Delineators Posts with excellent resilience of its ladder structure that passed 200 bending tests.
- The reflective sheet never falls apart or discolored.
- A standard product of the Ministry of Construction and Transportation.



Solar Flexible Delineator Post



Size : 200Φ X 80Φ X H750 (mm)
200Φ X 80Φ X H750 (mm)



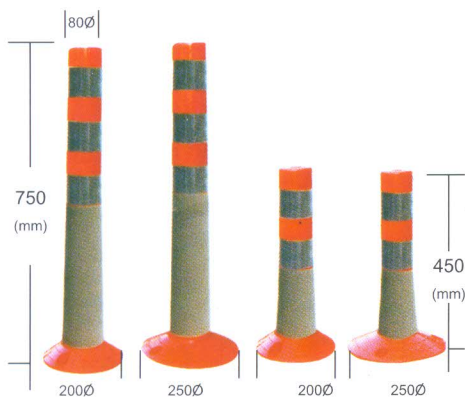
Key Features

Not only energy saving but also accident prevention by visibility is gained by the environment friendly lamp, which uses a solar cell and a super high rank LED. The special management is not necessary due to the long-lived LED and the automatic lighting in the night.

Installed Places

Dangerous regions such as center line, diverging point, etc.
Where large accidents can occur.

All Side Reflective Delineator Post



Size : 200Φ X 80Φ X H750 (mm)
200Φ X 80Φ X H450 (mm)
250Φ X 80Φ X H750 (mm)
250Φ X 80Φ X H450 (mm)



Key Features

- All side reflective safety product
- Special 'Micro Glass Bead' process on the product surface for increasing reflective effect at night.
- It can be used again by washing though polluted.
- High reflective performance for safety driving at night.
(Reflective Sheet + Micro Glass Bead)

Black Box for Crash Cushion



Damage Monitoring System is an accident site photographing system which is designed to find the assaulter and know the cause of accident through stored information in a Block Box by photographing the accident site for some time immediately after collision accident.

Key Features

- Possible to install on the existing installations.
- Excellent to prevent the 2nd accident because you can receive the text message soon after the accident and repair it quickly. You can check the site of the accident.
- Possible to save and store the accident video.
- Excellent in distinguishing the car license plate numbers even at night and at high speed.
- No need to connect the electric power because it is using the solar energy.



Traffic Speed Display



What is Speed Display?

This is a unit to inform car speed to driver by indicating the speed on LED monitor by calculating the speed of frequency versus time by comparing specific frequency transmitted to running car with reflected frequency by Dofler effect by using radar technology.



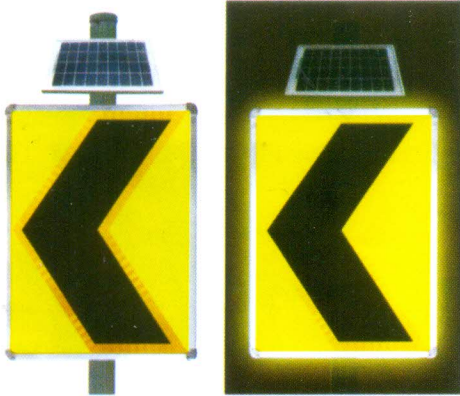
Key Features

- Detecting the head car first
- Detecting overtaking vehicle first
- Detecting car speed at the place 50 ~ 150m away
- Detecting range is 1 ~4 lanes (9-12m)

Specification

- SIGN BOARD : W900 x H1700 x 3T
- CASE: W548 x H604 x D81 (mm)
- POWER: AC220V / 50~60Hz
- LIGHT: high quality LED
- FREQUENCY: 24.125Ghz

Solar LED Arrow Sign Board



Size : W450 X H600 (mm) / single side

Type

- 1) Irregular blinking
- 2) Sequential & Simultaneous blinking controller
- 3) Powered by solar energy for 4 hours and turned off automatically during the day time.

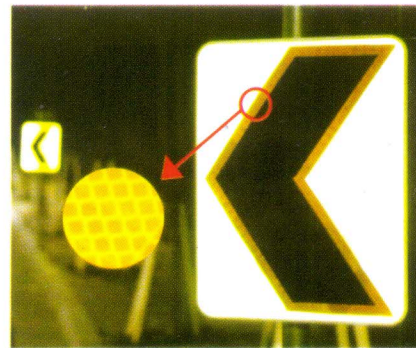
Key Features

- 1) Good to observe both from the front and side because of surface emitting.
- 2) Excellent to distinguish at a long distance (1 km)
- 3) Possible to recharge even in the complete discharged case.
- 4) Excellent water-proofing because of stainless borders.
Easy to load and carry because it is thin.

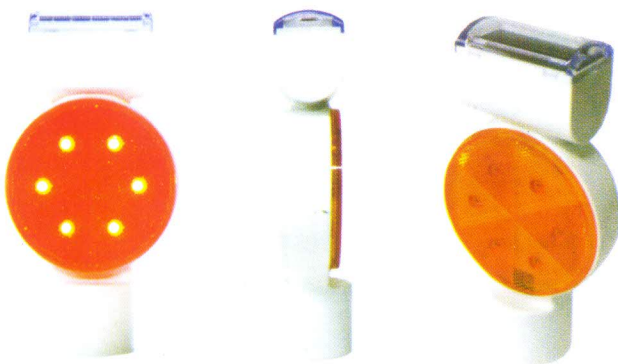


Product comparison

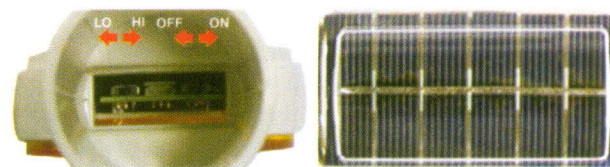
Middle one is Shindo's Arrow Sign Board



Sequential Blinking Delineator



Size: Ø100 x 43 x 214(mm)



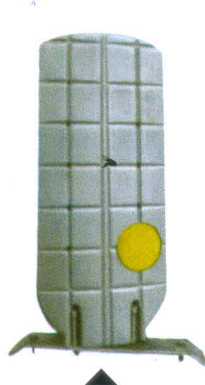
Material / Plastic body: ABS / Reflector: PC

Key Features

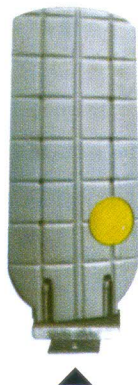
- Wireless communication is 200 meter between delineators.
- Antenna is inside Delineators.
- 4 hours recharging make solar module lasting 5 days.
- Automatically sequential blinking depends on ambient light.
- LED action is controlled by on and off switch
- Controlling sequential blinking time.
- Reflector is reflecting by itself even if LED broken.



Anti Glare Board



For median strip guardrail



For concrete median strip

Size: L650 x W285 x 58 ± 0.5%(mm)



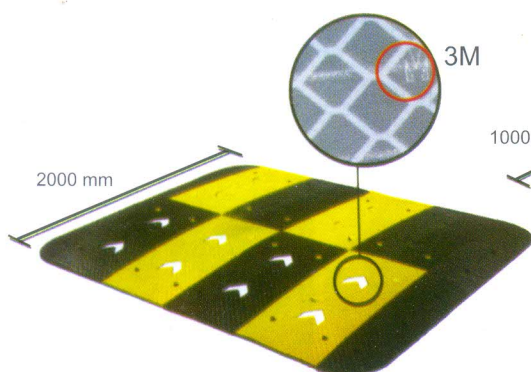
Changeable Prefabricated Dual Bracket

It was not easy to install Anti Glare boards because the width sizes of median strip guardrails are varied. This Anti Glare board is designed to easily install to any guardrails of which width sizes are varied by adjusting the changeable prefabricated dual bracket patented by Shindo Industry.

Key Features

- Easier to assemble and stronger structure because of built-in SUS-made bolts.
- Convenient installation with a bolt fastening method
- Possible to mount on any guardrails with various width sizes
- Streamlined shape not to be affected by wind

Rubber Speed Hump



W2,000 x H75 x L width of road (mm)



W1,000 x H75 x L width of road (mm)



W500 x H50 x L width of road (mm)

Key Features

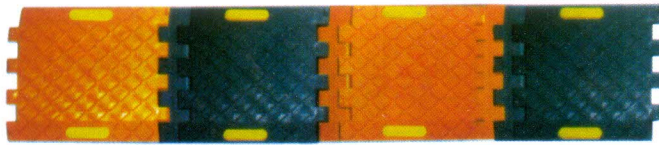
- Assembly type that is easy to install
- Strong tire-rubber material
- Eco-friendly product certified E-Mark

Main Applications

- In the School Zone (near the school, kindergarten or playground)
- In the general hospital, religious facilities where there are lots of cars
- In the parking lots of Wholesale Marts, apartments or large office buildings



Portable Speed Hump



Size : L300 X W385 X T20

Overspeed Prevention Hump

You can carry the Overspeed Prevention Hump with ease now!

Main Applications

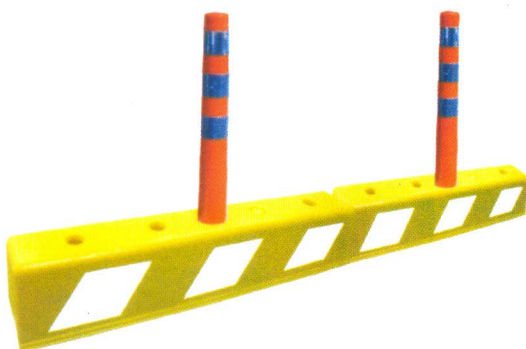
- Prevention of personal injury accident caused by driving under drowsiness as installed at the front of road construction & maintenance job sites.
- Inducing the slow down of vehicles at the Breath Test Site.
- Inducing the slow down of vehicles approaching to the Quarantine Site.
- Temporary Car Lane controlling the entrance of vehicles to Car Lane provided.

Key Features

- Portable assembly of adjustable length with the ease of installation.
- Excellence of bonding strength and durability provided with urethane materials.



Lane Block



Size : L1,000 X W200 X H180(mm)

※ Shindo flexible guide posts are used as the guide poles

Key Features

- Since the inside of the main body has an uneven structure, the product is damage-resistant and hard to break.
- This product boasts excellent lane restricting effectiveness.
- The guiding poles have excellent resilience and high visibility at night.



Flexible Reflective Delineator



"Never get broken with excellence in flexibility and resilience."

Key Features

- 1.High Flexible Performance
- 2.Against the Crack from High Impact
- 3.Doing Paten Application in Japan & China
- 4.High Quality Design for Safety Area & Zone
- 5.Easy to Install & Remove

Safety Guide Robot



Size

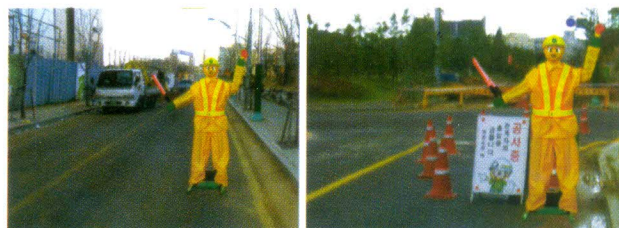
Full size: 470W x 690D x 1,820H

Fold size: 470W x 310L x 980H

Operation Power: Both AC220V and DC12V

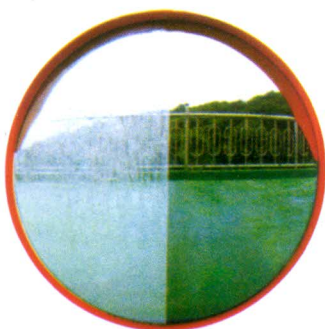
Key Features

- Manufactured as a duplex type facility which allows being used for both direction simultaneously.
- Operation power: both AC220v and DC12V battery are applicable (power line of both supply voltage and battery are built in).
- Easy to place a signal light bar or flashing light at the ends of both arms.
- The head and body are manufactured as a single piece of molding and wearing a water proof raincoat.
- The volume of the facility can be reduced by bending the upper body and two wheels at the bottom allow more convenient transport.



Anti-fog Convex Mirror

Excellence of dew preventive effect offering the cleaning of polluted substances with rain water.



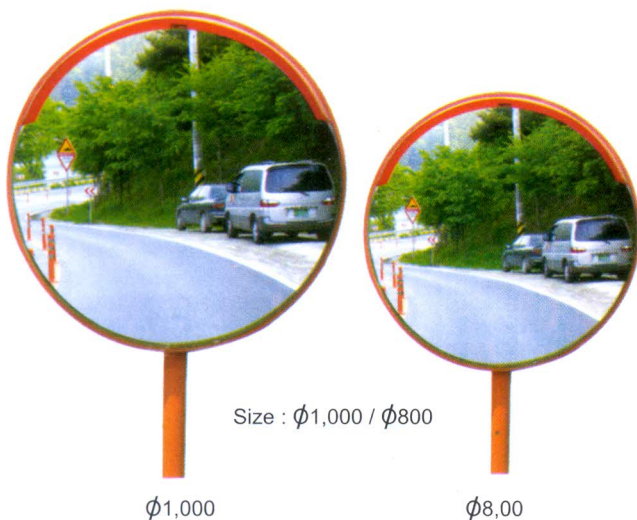
Size : $\phi 1,000$ / $\phi 800$ / $\phi 600$

Key Features

- Less pollution caused by smoke, dust & etc. with coated Photocatalyst treatment of mirror surface.
- Dew condensation caused by climate change prevented.
- Polluted substances with rain water during rain cleaned naturally.



Safety Convex Mirror

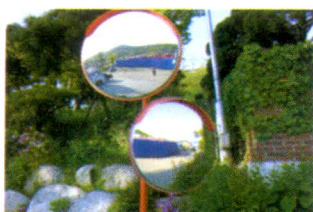


Size : $\phi 1,000$ / $\phi 800$

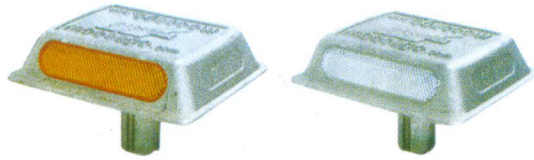
Types of brackets
Double-Sided, Band-Type, Wall-Mounting

Key Features

- Stainless material that is antistain and antifog
- Automatic mass-production facilities contributed to the export as well as domestic demand.



Road Stud



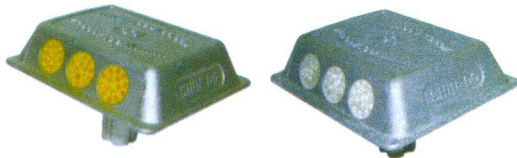
Size : 130 X 110 X 30(mm)



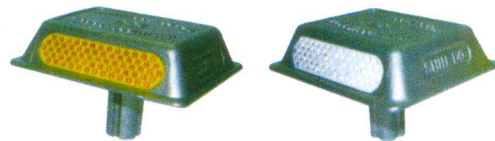
Key Features

The PC reflective material does not break, however strongly impacted.

Glass Ball Road Stud



Size : 130 X 110 X 30(mm)

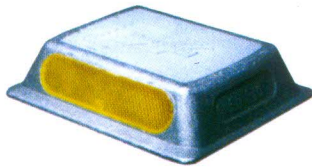


Size : 130 X 110 X 30(mm)

Key Features

Swareflex glass ball reflector is instered

All side reflective Road Stud



Size : 130 X 110 X 30(mm)



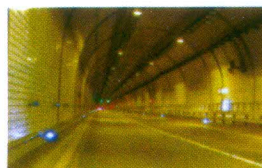
Key Features

- Coated with special glass bead on the top of the Road Stud.
- Excellent night visibility with glass bead processing

LED Road Stud



SDL-1000 Size : 130 X 100 X 25(mm)



Key Features

- Standard LED brightness 50CD
- Lighting time after full charging is 6 hours.
- Primary power supply 220-440V, 50Hz-60Hz 24V/60mA
- LED guidance lamp
- LED color change permitted

Shindo Parking Curb

"High quality-parking Curb with durability and refined design"

"It stands against the impact of hammer"



Key Features

- Shindo Car Stopper is stable and sturdy because its surface is large and the top surface is rugged.
- High-class, stylish design
- The anchor assembly parts are lowered for easy assembly work.
- The anchor head is closely attached to the bottom surface, which is very solid.
- The reflectors are rugged and do not damage tires
- Colored Parking Block with extruded PC Reflector

Size : L750X W180 X H120(mm)

Rubber Parking Curb (A type, B type)



A type Size : L750X W150 X H110(mm)



B type Size : L484X W142 X H90(mm)

Key Features

- Strong durability and excellent effect absorbing the impact.
- Installation is sturdy because the anchor head is closely attached to the bottom surface.



Plastic Corner Guard

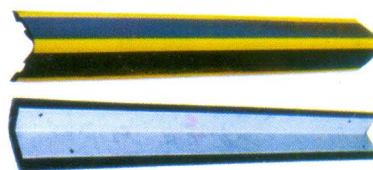


Size : L100 X W100 X H1,000(mm)

Key Features

- Do not need to steel plate for attaching product. (Easy to install)
- Apply to high brightness color which can find easier.
- High elastic force material for strong sustain product performance.
- Available to all side attaching to rectangular parking lot post.
- Reasonable produce price & high quality.
- Easy to stacking and storage. (Plane stacking)

Rubber Corner Guard



Size : L90 X W90 X H1,000(mm)

Key Features

- A steel plate is inserted into the shock-absorbing rubber. For installation, a steel plate is installed at the corner area and inserted into the shock-absorbing rubber.
- It is designed to prevent from becoming loose during the summer time or in the areas where temperature is high.
- Material: PVC

Plastic Sign Board



Size: L560 x 1,000(mm)

Key Features

- Easy to handle, modular plastic product.
- Highly resistant to impact and damage-resistant.
- Both sides can be used and the appearance is stylish and fits in anywhere.
- The special surface processing allows attachment of sheets.



Smart Sign Board



"Eye-catching PR effect!"



Size
Sign Stand : H1,415(mm)
The Base : L470 X W600 X H200(mm)

Key Features

- Advanced special surface processing ensures that the advertisement sheet will never come off.
- Convenient to move, since there are wheels.
- Stylish design catches the eyes.
- Special material is highly resistant to impact.
- Not blow down in heavy winds, when the base is filled with water

Sign Board Stand



Four Side Tumbler Sign Board Stand

Size: L450X W450X H1,100(mm)
 Reflecting sheet size :
 The upper part - L238 X W358(mm)
 The lower part - 40 X 220 X H360(mm)



Circle Sign Board Stand

Size: L450 X W450 X H1,100(mm)
 Reflecting sheet size:
 The upper part - L238 X W358(mm)
 The lower part - 40 X 220 X H360(mm)

Key Features

- Side Tumbler Sign Stand lies more in advertising than parking restriction. It is a very effective means to advertise businesses.
- The rectangular sign is very eye-catching.
- The single-body type is convenient to handle.
- It is designed not to fall over, even in strong wind.
- There is a hole under the grip through which water or sand can be poured to act as ballast.
- It is easy to move because there is a grip.

Curb Mirror

Size: H1,400 x Ø450
 Reflecting mirror & Round shape advertisement face Ø380
 Square advertisement face H210 x W410(mm)
 Material: Main body-PE
 Reflecting mirror-acrylic

To be installed in the blind zone to prevent accidents.



Key Features

- It has both reflectivity function and stood sign board function.
- Both faces can be used and various advertisements are possible.
- Accidents in the blind zone can be prevented if it is installed in the curved zone
- Environment friendly product.

Smart Fence



Size: L1,350 X W40 X H880(mm)

Key Features

- Easy to install and dismantle additionally with simple assembly.
- Excellent to move because it is light in weight.
- Easy to assemble winker horses because of the pins attached on the top of the products.
- Easy to rotate 90 degree legs which are supporting the main body.



Safety Barricade



Size: L700 X W300 X H900(mm)

Key Features

- As being prefabricated, loading and transferring are easy.
- With 30cm width, the road possession rate is low.
- Effectively car guide due to the continuous and floated installation.
- Possible to use the existing PE fence panel.
- Not blow down as water is loaded in the tank.

Plastic Barricade



Size: L1,500 X W450 X H880(mm)

Key Features

- Beautiful colors that do not fade.
- Solid engineering structure.
- There are hooks for winkers and there is to use binding to install them.
- There are grooves at lower part of each leg, to support more weight.

Safety Barre

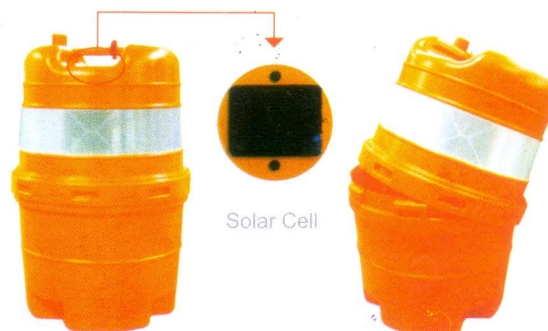


Size: 500Ø X H800(mm)

Key Features

- Layered loading in warehouses is possible, and units can be sold in small units.
- Enough stock to ensure even large orders can be quickly filled.
- Orange and Red color available

Solar Safety Barrel



Solar Cell

Size: 500Ø X H800(mm)

Key Features

- 5 days working(12 hours at night)
- High visibility at night with high density reflective LED
- Economical & environment friendly
- Easy to installation and movement

Traffic Cone

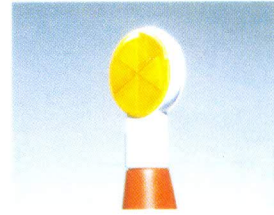


Traffic Color Cone

Size : L380 x W380 x H700 (mm)

Key Features

- Traffic Color Cones are made from special materials and are damage resistant.
- The very bright reflectors provide excellent visibility.
- Easy to combine with accessories (Reflective cone bar, Reflector delineator)



Traffic Air Cone

Size : L380 x W380 x H700 (mm)

Key Features

- The grille shape is highly resistant to wind.
- Can be fixed on the ground with nails.
- Easy to combine with accessories (Reflective cone bar, Reflector delineator)



Traffic Heavy Cone

Size : L400 x W400 x H750 (mm)

Key Features

- Wind proof by 2kg special rubber plate. (total weight: 2.0kg, 2.7kg)
- Special design for suitable to cone connecting bar.
- High brightness performance by high reflective sheet.
- Easy to stack and storage.



Traffic Super Heavy Cone / Solar Traffic Super Heavy Cone

Size : L510 x W510 x H1,000



Key Features

- Wind proof by 2kg special rubber plate, (total weight: 3kg, 5kg)
- Special design for suitable to cone connecting bar.
- High brightness performance by high reflective sheet,
- Easy to stack and storage.



Key Features

- 5 days working (12 hours at night)
- High visibility at night with high density reflective LED
- Economical & environment friendly
- Easy to installation and movement

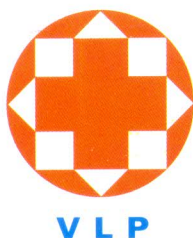
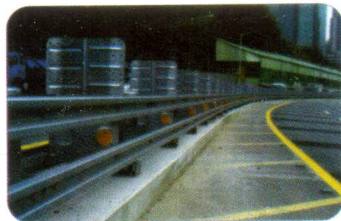
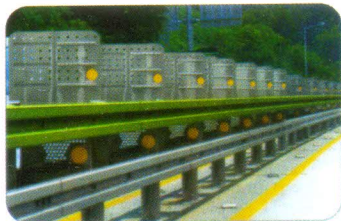


Reflective Cone Bar

Length: 2,000 x 280 (mm) / Hook: 900 / Material: PC

Key Features

- Can be used with any cones including super cones, heavy cones and color cones,
- Strong durability against physical impacts and not easily broken.
- Excellent visibility with luminous lines.



Nhà phân phối độc quyền SHINDO - Hàn Quốc tại Việt Nam

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