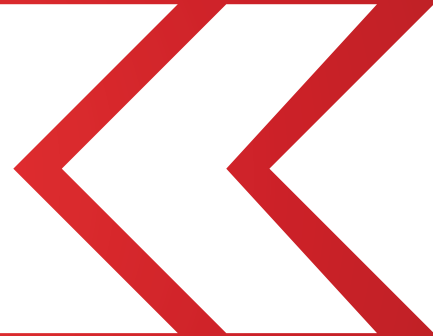


Vikela

Road Pty Ltd



PRODUCT CATALOGUE



www.vikelaroad.co.za
Visibility is our business



3M Diamond Grade Conspicuity tape is six times brighter than conventional markings. It is the ideal truck tape to use to meet the DOT regulation. 3M's DOT reflective tape is highly durable and non-corroding.

Benefits

3M's DOT tape is certified and guaranteed to meet and exceed NHTSA requirements.

Durable, resists weather, dirt and aging.

Aggressive adhesive.

Non-corroding

Available in two product constructions:

- Series 983: Strong and durable for easy application to smooth surfaces.
- Series 963: New thin, flexible prismatic for smooth surface, and around rivets and corners.

Suggested Use:

- | | | |
|----------------------|---------------------|-------------------------|
| - Truck and trailers | - Utility Vehicles | - Waste management |
| - Work vehicles | - Vehicles and bins | - Recreational trailers |

Specifications:

Construction: Durable and rigid (0.014 to 0.018 inch thickness)

Warranty: 7 years

Appearance: Vivid colours & bright white ensures max reflectivity and superior daytime colour.

Adhesion: High performance including application in low temperatures.

Technical service: On-site technical specialists to assist with application.

Application: User friendly with ease release liner.

Colours available: Lime, Yellow, Red, White

Sizes available: 50mm & 100mm



Vikela's Solar Warning Lights are solar cell powered, maintenance free lighting devices. Intense brightness makes them easily visible at distances up to 500m.

These solar lights only takes a few hours of indirect sunlight to fully restore the battery. The battery has rechargeable capabilities that replace a conventional system.

By employing renewable energy, which is free, constant and non-polluting, the solar lights eliminate maintenance and disposal costs. Providing superior performance and dependability over conventional battery powered systems.

Key Features

Super bright LED 4pcs

Switch & sensor for manual and auto On-Off

Fully charged power to last 12 hours

The warning distance is greater than 500m

Flash frequency: Approximately 75 times per minute

Electrics

120mA Solar Panel

1.2V DC 1300mAH Ni-CD rechargeable battery

OR 1.2V DC 2200mAH Ni-MH rechargeable battery

Colours available: Blue, Green, Red & Yellow





Vikela's LED Road Flairs are extremely versatile. With 9 different selectable flashing patterns, application areas range from airports to highways, construction sites to vehicle recovery services.

Weight: 0.2kg per unit Size: 10,8cm (dia) x 3,5cm (h)

Specification and Key Features

Light Source: 16pcs super bright LED, giving 360° coverage

Illuminance distance: 300m at day, 800m at night

Flash pattern: 9 different selectable flash patterns

Magnetic: With high power magnet, can be placed on any part of the vehicle or road

Batteries: One CR123A-working time differs per setting.

Battery shelve life: 10 years

Rechargeable

Applications:

1. POLICE AND FIRE:

Create awareness of a working zone at the side of the road

Traffic streaming when used as part of a road checkpoint

Road closures

Identification of the officer in charge at an incident

Temporary helicopter landing zones in the event of a medical evacuation from an incident.

Can be hand held to raise awareness of an officer in the road

Personal safety light (can be worn on clothing or attached to belt)

Applications (Continued):**2. VEHICLE RECOVERY SERVICES:**

Create awareness of a working zone at the side of a road

Can be hand held to raise awareness of officer in the road

Personal safety light, can be worn on clothing or attached to belt.

3. HIGHWAYS AGENCY CONSTRUCTION COMPANIES, COUNTRY & REGIONAL COUNCILS AND LOCAL AUTHORITIES:

Create an awareness of safe working zone for emergency highway repair crews

Personal safety light, can be worn on clothing or attached to belt.

4. AIRPORTS:

Both air side and land side to create an awareness of a temporary safe working zone whether it be on the apron / taxiway or on the airport forecourt

Personal safety light, can be worn on clothing or attached to belt.

5. MISCELLANEOUS:

Speed camera repair / maintenance crews (as either a personal or a safe working zone)

Utilities companies repair and installation crews (can be attached to ladders etc.)

Colours available: Red, Yellow, White, Green, Blue



Embedded in the road surface, solar road studs are an electronic improvement on the traditional cat's eyes in that they may give drivers more than a thirty-second reaction window compared with about 3 seconds for conventional reflective devices.

Units are extremely robust to avoid damage by passing vehicles. They are also more visible in rain and fog conditions where the old type retro-reflectors and road markings are problematic.

Key Features

The round design have little resistance on impact which makes it robust.

The size of this road stud, complies with the size of the round Vikela delineator post

Two reinforced veins are designed inside to strengthen compression resistance.

Solar panel, electronics and optics are fitted inside which makes the unit waterproof

According to requirement, the number of LED can be single, double or 3 lights on both sides

Two screw holes are designed on both sides to be fitted steadily with screws in road/round post

Epoxy glue is filled in the shell. Easy, simple and steady to install like a standard road stud with two screws or glue, both on road or on round post.

Suitable for edge line of road

Flashing or Non-flashing units available

Specifications

Power supply: Solar power

Power storage: Battery or capacitor

Operating time: 72 hours continuously after 8 hours of charge

Shining rate: 4HZ \pm 20 percent

\varnothing 5LED: 3x2pcs super bright (18 milli candelas per LED)

Temperature range: -20°C to 70°C

Material of shell: PVC plastic anti-UV material

Compression resistance: 10 tons

Weight: 270g **Size:** 116mm x 21(H)mm **Colours available:** Red, Yellow, Blue, Green & White



Vikela's Solar Reflective Aluminium Road studs offer double sided reflectors and steady LED emittance with an added reflective lens. The aluminium shells are manufactured from special grade modified aluminium material having very high compressive strength.

These solar reflective aluminium road studs can be used on heavy traffic roads for lane markings, edge line markings, diversion of roads, etc.

Key Features

Combine active radiation by solar energy with passive reflecting light by reflectors

Anti-heat battery can undertake high temperature even on the equator

High seal technology guarantees the elements inside to be separated well against water in super strong compressive resistance aluminium shell.

Power supply: Solar Power

Power storage: Battery or Capacitor

Operating time: With full charge it can last up to 7 days continuously with no sunshine

2 x 5mm LED per side (super bright 18 000 milli candelas per LED)

Viewing distance: Over 500mm

Material of shell: aluminium (heavy duty road stud, more durable than plastic road stud)

Reflector: Prismatic Reflector

Compression resistance: 15 tons

Flashing or Non-Flashing units available

Specifications:

Weight: 400g

Size: 105mm x 105mm x 25mm

Colours available: Red, Yellow, Blue, Green & White



This improved aluminium solar road stud's battery is now replaceable and has a life span of more than 10 years. With a larger solar panel, charging efficiency is increased by up to 30%.

The battery replaceable aluminium solar road stud is better used on road edge stone or other places where there is no vehicle impact.

Specifications

Battery: LiFePO4 3.2V 400mAh, Charge and discharge times > 1000

Battery life is 3 years and can be replaced

Solar Panel: mono-crystalline silicon 5V 60MA

Working time: It can work continuously for more than 72 hours after 8 hours charge under standard light intensity

Display Mode: Flash, Steady, Single or Double sided

Display device: Super bright LED, >3000mcd (Yellow and Red). >5000mcd (White)

Visual distance over 500m

Material: Cast aluminium shell + epoxy

Start light intensity: Light intensity is less than 500Lux

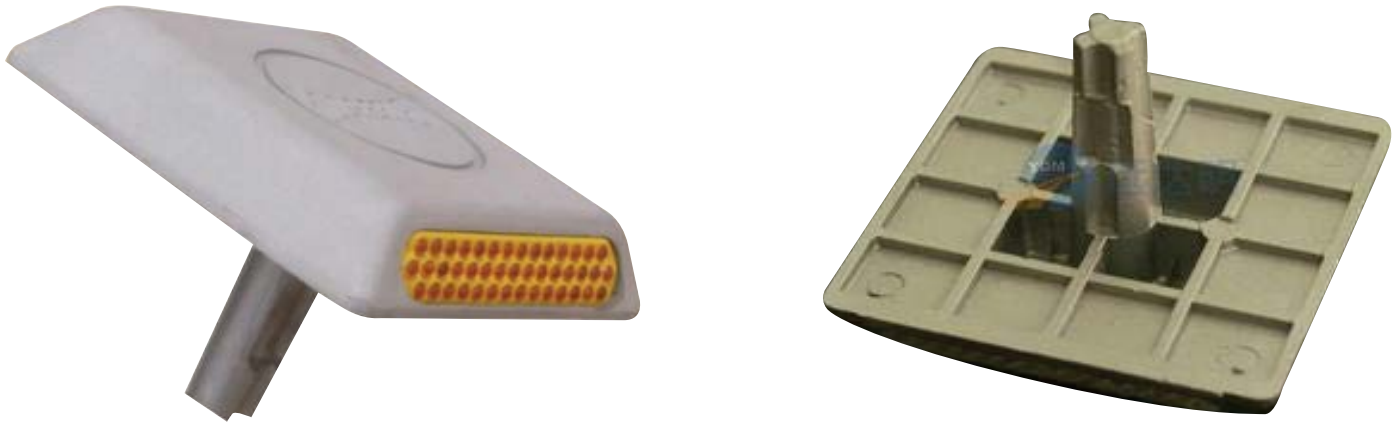
Working environment temperature: -20°C to 70°C

Install with epoxy resin to guarantee stability.



Colours available: Red, Yellow, White, Blue & Green

Size: 105mm x 125mm x 25mm



The 43 Glass Bead Aluminium Road stud with shank is made from an aluminium alloy with compression resistance over 25 tons and is almost indestructible. Units are extremely durable and will withstand most arduous traffic conditions.

Units to be fixed onto the road by an anti-twist stem for extra stability. It offers excellent reflectivity with swareflex glass bead reflector. The vacuum-plated reflector ensures that units stay free of dust or pollution.

Specifications

Size: 100mm x 100mm x 20mm

Shank Size: 50mm

Net Weight: 0.338kg

Material: Aluminium alloy + 43 glass beads reflector

View distance: Over 1000m

Compression resistance: Over 25 tons

Additional Features

Suitable for center line demarcation

Unit without stem is also available

Tested on all types of road and approved by the department of transportation.

Complies with BS 873-4 & ASTM 4280

Colours available: Red, Yellow & White



Specifications

Size: 138mm x 50mm x 34mm

Solar panels: Power 0.3W | Voltage: 2V | Material: Anti-UV PC

LED: Diameter 5mm High, 6pcs

Shell Upper Part: Transparent polycarbonate | Shell Lower Part: Die cast aluminium alloy

Power Storage: Ni-MH battery, 1.2V 1600mAh

Working Environment Temperature: -20°C to 75°C

Visibility over 500m

Working Time: 14 hours in a standard luminous intensity day, 36 hours if battery is fully charged

Description:

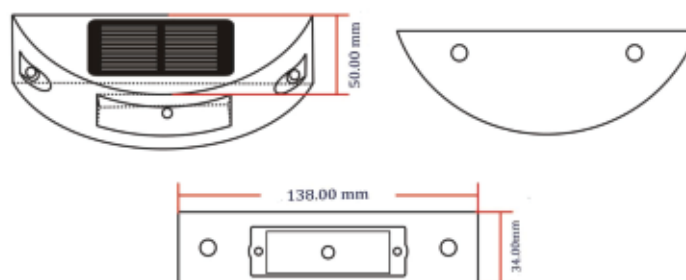
Carriageble and safe

It can bear 20 tons

Charge in daytime and discharge at night automatically

Energy saving and environmental protection

Easy to install, no maintenance necessary.



Colours available: Yellow, White, Red, Blue, Green

Plastic Wheel Chocks



	L (mm)	W (mm)	H (mm)	Working Width	Weight (kg)	Suggested Tons
1. VKP LDV	180	80	100	80	0.32	Max 500 kg
2. VKP RT	470	200	230	200	1.70	Max 30 tons
3. VKP EMV	555	240	180	n/a	13.00	Max 100 tons
4. VKP HEMV	510	370	250	n/a	16.00	Max 350 tons

Polyurethane Wheel Chocks



	L (mm)	W (mm)	H (mm)	Working Width	Weight (kg)	Suggested Tons
5. VKPU LDV	200	178	150	178	0.85	Max 2 tons
6. VKPU RT	280	200	200	200	1.65	Max 30 tons
7. VKPU M	432	368	368	328	6.5	Max 100 tons

Plastic Wheel Chocks



	L (mm)	W (mm)	H (mm)	Working Width	Weight (kg)	Suggested Tons
8. VKR SS	125	76	67	76	0.64	Max 350 kg
9. VKR HD LDV	200	100	150	100	2.20	Max 2 tons
10. VKR LDVS	204	127	104	127	3.10	Max 2 tons
11. VKR RT	270	117	180	117	3.30	Max 30 tons
12. VKR HD	300	255	300	255	14.00	Max 350 tons

Vikela's Expandable Barrier



Vikela's Expandable Barrier is a versatile, portable multi-purpose barrier that is ideal for effective road or pedestrian closures. This unit also serves as a shielding barrier to demarcate dangerous areas.

Typical Applications:

Crowd Control

Closing off rooms, lifts or escalators

Cordoning off restricted or hazardous areas

Temporary demarcation for events or parking areas

Temporary access control for parking areas

Trench and evacuation protection

Lane dividers and delineation

Features:

Indoor or outdoor use

Expands up to 5 meters in length and 1 meter in height

A compact and portable barricade

Lightweight - only 9 kg

Self-standing

Colours available: Red/White, Red/Yellow, Black/Yellow

MORE BARRIER OPTIONS:

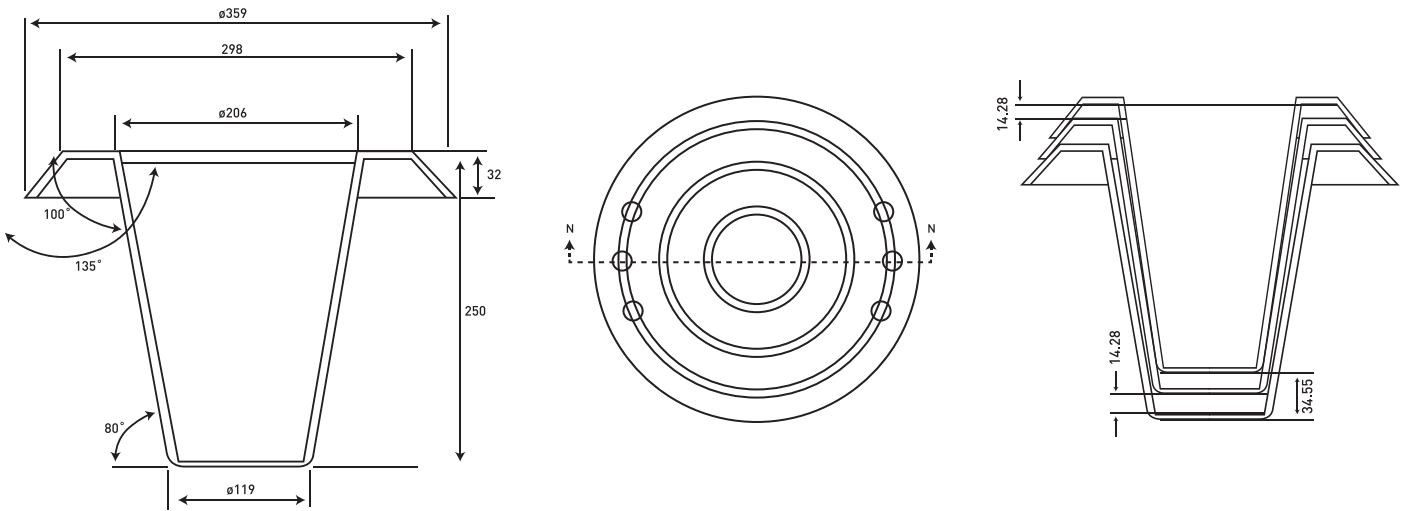
Barrier Net Veggie

Barrier Net Plastic

Plastic Chain



Technical Specifications



Key Features

Protect hole from collapsing

Seal hole from oxygen to prevent burning (Hot Hole Prevention)

Prevent flooding (Water / Rain)

Stackable for maximum storage & on the job handling

Manufactured from high quality polypropylene plastic for reuse to ensure maximum durability for the industrial, mining & mineral drilling of Geology.

Plastic has UV stabilizers to protect from sun

Suitable for hole size from 125mm to 219mm



Assorted colours available



Product Description & Applications

Three-part plastic molded directional cones, with easy “snap-on” retaining clip

Can be attached to and removed from ropes, lifelines and electrical cables

Additional safety protocol for underground operations

To guide underground personnel to refuge bays or area of safety in case of zero-visibility

Product Benefits

Complies with internationally accepted world standards for underground safety

Mine Rescue Services response times are reduced in low visibility and emergency evacuations

Can be used with standard roping or cable

Units can easily be installed and replaced if necessary

Technical Specifications

Colour: Orange

Sizes: 7mm, 10mm, 15mm



Various Traffic Cones



Buggy Whip



Demarcation Poles



Life Jacket



Life Rope



Life Ring



50mm 10kg Rubber Base



110mm 10kg Rubber Base



50mm 4,5kg Rubber Base



Galvanized Speed Hump



Round Rubber Speed Hump

