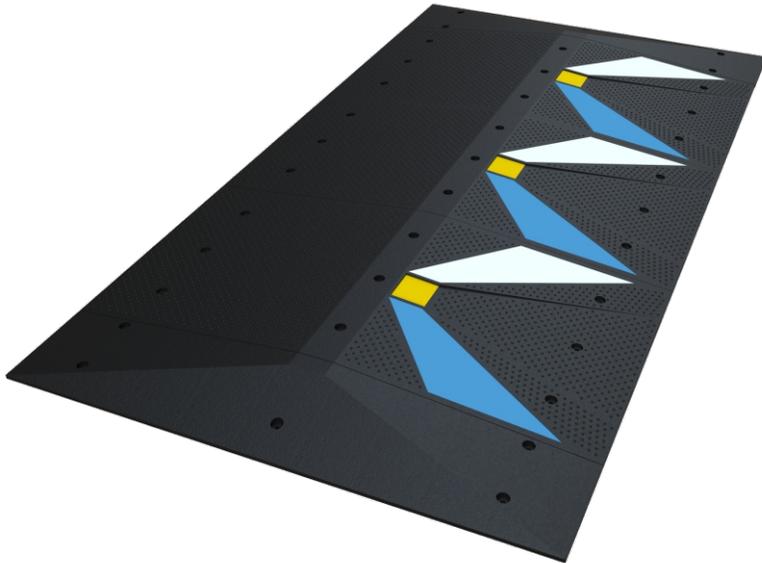## A leader doesn't follow steps
... he marks the way

WHAT'S A 3D SPEED HUMP?

They are devices that **visually alter** the asphalt surface. Their purpose is to maintain the traffic speed reduced throughout specific sections of the road.

The main function is to reduce the motorist's speed.

It's mostly recommended in schools, pedestrian crossings, hospitals, and places where it's necessary to reduce the speed.

**Would you stop while you're driving if you see a floating speed hump?**
- Of course, you would! And we hope millions of people would do it too.

Features

- The creative and state-of-the-art design of the **3D Speed Hump** makes it unique on the market.
- The dynamic form and the optical effect of the 3D speed hump compel drivers to reduce their speed but without making a full stop.
- It's composed of modules that would reach the desired length.
- Its anti-skid surface makes it safer.
- Also, the blue, white, and yellow 3D relief has a reflective glass microsphere that produces flashing lights when vehicles approach the speed hump at night.
- The end caps have a slope that allows the free flow of water on the ends of the 3D speed hump.
- Made of polyethylene, a material that doesn't damage vehicles.
- Color: Black of great duration.
- Ideal to replace concrete speed bumps.
- Easy and safe to install since the middle sections have 6 boreholes and the end caps 5.
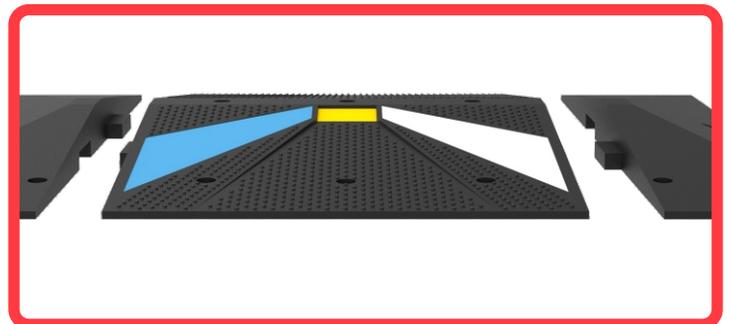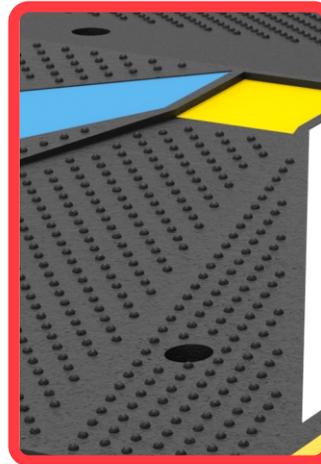
Volumes, dimensions, and other measures are
nominal and may vary by approximately 2 %.

11.7 in. 29.25 in. 11.7 in.

4 ft 11 in.

3.51 in.
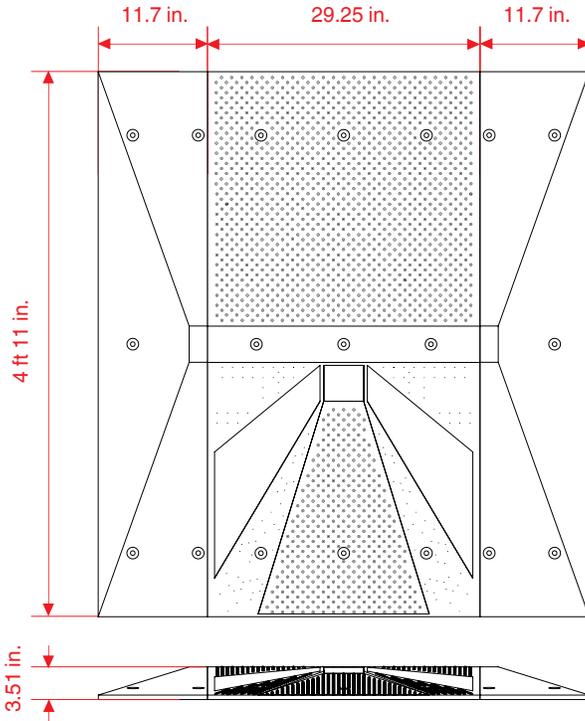
Measures

Total	Middle sections: 29.25 in. × 4 ft 11 in. End caps: 11.7 in. × 4 ft 11 in.
Reflective:	Reflective glass microsphere
Reflective color:	White, yellow and blue

Anchorage

Asphalt anchorage procedure:

1.- Mark the boreholes using a speed hump as a template.

2.- Bore into the holes with a drill and a 1/2" concrete drill bit at a depth of 7".

3.- Fill the boreholes with epoxy glue.

4.-Put the 3D speed hump and insert the anchors (steel nails).

5.- Hammer the anchors taking care not to damage the speed hump.

Concrete anchorage procedure:
- 1.- Mark the boreholes using a speed hump as a template.
- 2.- Bore into the holes with a drill and a 1/2" concrete drill bit at a depth of 7".
- 3.- Flare the boreholes with a 7/8" drill bit at a depth of 7".
- 4.- Fill the boreholes with epoxy glue.
- 5.-Put the speed hump and insert the hex-head galvanized screws of 1/2" × 12" with flat washers ONLY in the middle section's holes.
   Hammer them taking care not to damage the speed hump.
- 6.- Insert the *Ultrafix* screws hex-head Ø 3/8" × 5.85 in. with its 3/8" flat washers and the *Extralarge* dubels of Ø 0.72 in. × 5.46 in. on the boreholes of the end caps.

Concrete anchorage:

- Ultrafix screw hex-head 21 v Ø 3/8" × 5.85 in.
- Extralarge dubel Ø 0.72 in. × 5.46 in.

Asphalt:
Steel nail Ø 1/2" × 9.75 cm.

Hex-head galvanized screw of 1/2" × 12".

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