

Product Specification Sheet

Product Name: **Alley Bump**

Manufacturer: NoTrax®, Justrite Safety Group/GNR
5655 West 73rd St.
Bedford Park, IL 60638
Tel.: (800) 621-2802, Fax: (800) 322-7105

Product Description:

The nominal width and height of the Alley Bump are 12 inches and 3 inches respectively. Two models 6 foot and 4 foot long are available. The nominal weight of the 6 foot model is 76 lbs. and the weight of the 4 foot is 51 lbs. The end caps with nominal dimensions 12"x9"x3" and weight of 8 lbs. should be installed on both sides of the speed bump row.

The rubber speed bumps are outfitted with in-molded reflective yellow tape. For additional visibility the 6 foot and 4 foot speed bumps are equipped respectively with eight and six cat's eyes.

Product Specifications:

1. Material: compression molded composite of recycled rubber and polyurethane binder.

2. Physical properties of the rubber composite:

a) Density	0.6 g/cu. cm	(ASTM C642)
b) Durometer Hardness	70A ± 7	(ASTM D2240)
c) Minimum Tensile Strength	300 psi	(ASTM D412)
d) Compression deformation	7% at 70 psi, 68°F	(ASTM D575)
e) Brittleness at Low temperature:	-40°F	(ASTM D746)
f) Freeze and thaw when exposed to deicing chemicals	no loss after 50 cycles	(ASTM C672)
g) Coefficient of thermal expansion:	8 x10 ⁻⁵ in/in/°F	(ASTM C531)
h) Weathering 70 hours at 158°F		(ASTM D573)
- hardness retained	100% (± 5%)	
- compressive strength	100% (± 5%)	
- tensile strength	100% (± 5%)	
- elongation retained	100% (± 5%)	

3. Dimensions:

4-Foot Alley Bump

width:	12 inches (+/- 1/16 inches)	304.8mm (+/- 1.5875mm)
length:	48 inches (+/- 1/8 inches)	1219.2mm (+/- 3.175mm)
height:	3 inches (+/- 1/8 inches)	76.2mm (+/- 3.175mm)

6-Foot Alley Bump

width:	12 inches (+/- 1/16 inches)	304.8mm (+/- 1.5875mm)
length:	72 inches (+/- 1/8 inches)	1828.8mm (+/- 3.175mm)
height:	3 inches (+/- 1/8 inches)	76.2mm (+/- 3.175mm)

End Cap Alley Bump

width:	12 inches (+/- 1/16 inches)	304.8mm (+/- 1.5875mm)
length:	9 inches (+/- 1/8 inches)	228.6mm (+/- 3.175mm)
height:	3 inches (+/- 1/8 inches)	76.2mm (+/- 3.175mm)

4. Finishing: Alley Bump - Black with molded in yellow durable reflective tape
End Cap - Black recycled rubber composite
5. Components:
- a) at least 94% of post-consumer materials
 - b) polyurethane prepolymer for rubber granules
 - c) cat's eyes reflectors (bump only)
 - d) molded in a durable yellow, reflective tape (bump only)
 - e) molded in steel washer (end cap only)

Installation Method:

Installation on asphalt surfaces with rebar spikes 14" long (minimum diameter ½")

4 foot speed bump - 3 spikes for installation

6 foot speed bump - 4 spikes for installation

For installation with spikes the ½" diameter holes are drilled through the installation holes in the product into a paved road, then the spikes are hammered in.

Installation on concrete surfaces with lag bolts 6" long (minimum diameter ½"), washer and shield

4 foot speed bump – 3-lag bolts for installation

6 foot speed bump – 4-lag bolts for installation

For installation with lag bolts the pilot holes 1/2" are drilled through the product installation holes. The holes are re-drilled for a size required by the shields and the shields are installed. The product is then repositioned over the mounting holes and bolted down.

Both ends of the rubber speed bump or the rubber speed bumps row should be protected from excessive wear and tear by the end cap units.

Installation of an end cap requires one spike or one lag bolt.



Warranty:

A three (3) years warranty is provided on the rubber composite and 1 year on the reflective tape if the product is installed as per manufacturer's installation instructions.

The rubber speed bumps are intended to be used for traffic calming on light traffic streets like residential streets, parking lots, etc. The speed bumps can withstand only sporadic truck or bus traffic allowed on such streets.

Both ends of the rubber speed bump or the rubber speed bumps row should be protected from excessive wear and tear by the end cap units and are required by warranty policy of the rubber speed bumps.

Any other applications including installations in heavy truck traffic areas could be considered outside manufacturer warranty.

Please verify with the distributor or the manufacturer if the intended installation location is covered by warranty of the product.

Any warranty claims will be assessed by the product manufacturer after adequate information is provided.

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