

Product Evaluation

PRODUCT INFORMATION

Product Name: Telespar Perforated Sign Posts Manufacturer: Atkore, Harvey, Illinois, USA
Website: https://www.atkore.com Supplier: UBS Industries, Coquitlam, BC

RE: Telespar Perforated Sign Posts

VENDOR CLAIMS AND INFORMATION

CLAIMS

The Telespar perforated sign supports are produced through a unique manufacturing process that permits tubular sections of different sizes to telescope into the next larger size. Telescoping allows for adjustment, reinforcement, and splicing to be more straightforward.

DESCRIPTION

Telespar perforated sign supports posts shall conform to the standard specification for hot rolled carbon sheet steel, structural quality, ASTM designation A1011, Grade 50. The cross section of the post shall be square tube formed of 2-inch x 2-inch (50 mm x 50 mm) Gauge 14 (2.11 mm thickness) only, carefully rolled to size and shall be welded directly in the corner by high frequency resistance welding and externally scarfed to agree with corner radii. Signposts shall be manufactured from hot-dipped galvanized steel conforming to ASTM 1011, G90, Structural Quality, Grade 50, Class 1. The corner weld is zinc coated after scarfing operation. The steel is also coated with chromate conversion coating and a clear organic polymer topcoat after the manufacturing process. Both the interior and exterior of the post shall be galvanized.

POTENTIAL USAGE

Telespar perforated sign support is intended for small to medium range of sign sizes on only single sign 12 x 18 inches (300 mm x 450 mm) maximum.

STANDARDS

AASHTO MASH TL-3 compliant

ALBERTA TRANSPORTATION AND ECONOMIC CORRIDORS COMMENTS

EXPERIENCE

Transportation and Economic Corridors has no experience with this product.

APPLICABLE STANDARDS

Transportation and Economic Corridors Specifications for Breakaway Steel Signposts are as follow:
Specification 5.18 Supply of Permanent Highway Signs, Posts and Bases
Specification 7.7, Permanent Highway Signing
Specification 54.13 Maintenance of Highway Signs

RECOMMENDATIONS

Telespar Perforated Signposts be listed as a Potential Product under Transportation and Economic Corridors Products List, Signs and Supports – Supports – Steel Posts – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

RESTRICTIONS ON USE

Caveats:

- Post shall have single sign only (no back-to-back or on adjacent sides).
- Maximum sign size on this post shall be 12 inches x 18 inches (300 mm x 450 mm). Examples are RB signs (No Parking, No Stopping).
- Post size shall be 2-inch x 2-inch (50 mm x 50 mm) Gauge 14 (2.11 mm thickness).
- Posts shall be with 7/16" pre-punched holes on 1" centers.

TRIAL PROJECTS

Rishi Adhikari

cc New Products Evaluation Group – Kristen Tappenden,
Hal Cook