

Colorado Department of Transportation Pre-Approved Product Evaluation Request & Summary		APL Reference No. 3027-23
Product Evaluation Coordinator Colorado Department of Transportation 4670 North Holly Street, Unit A Denver, Colorado 80216	Material Code 608.02.03.00	CDOT Use Only
	Material Code description full name ADA Truncated Dome	CDOT Use Only
Part 1		
Product name: Detectable Warning Plates [4984]	Product category: Pedestrian Safety/ADA Truncated Domes	
Product Representative (name & address): Attn: Brent Johnson Neenah Foundry Company 5621 East 52 Ave Commerce City, CO 80022 Phone: (303) 809-6315 E-mail: brent.johnson@groupnei.com	Manufacturer (name & address): Attn: John Aulick Neenah Foundry Company 2121 Brooks Ave Neenah, WI 54956 Phone: (512) 496-1004 E-mail: john.aulick@groupnei.com	
Web-site address: groupnei.com	Web-site address: groupnei.com	
Description of the product: (Include specific quantifiable details from tech data sheet. Advertising generalities are not appropriate.) The Neenah Foundry Detectable Warning Plate is produced domestically from Class 30A Gray Iron conforming to ASTM A-48 and AASHTO M-105. The plate has a minimum thickness of 1/4" excluding the truncated domes and the ribbing. Each plate has 4-1/2" diameter holes to allow proper ventilation on air and gases during installation. The plate surface is in compliance with section 4.29 of the ADAAG and section 705 of the 2010 ADA Standards for Accessible Design. The measured coefficient of friction is 0.9. The width of the plate is 24" and the length varies according to local specifications. The Neenah Foundry Detectable Warning Plates are also available in several different radius units.		
Restrictions, (installation and/or use): None		
Use of the product, (be specific to CDOT highway activities only): Detectable Warning surface for the visually impaired to be installed in compliance with the US Access Board Guidelines		
Benefits to CDOT, (how will your product enhance quality, improve safety, save money, be a better value than other manufacturer's products): Neenah Foundry Detectable Warning Plates provide the exceptional durability and superior performance of gray iron. The durability of cast iron Detectable Warning Plates eliminate the maintenance and repair problems associated with wearing, peeling, cracking, and delamination of other products. The durability, competitive price and ease of installation will result in cost savings for CDOT. The Neenah Detectable Warning Plates are manufactured from at least 85% recycled material.		
Specifications: (listing those applicable is required) <input checked="" type="checkbox"/> CDOT : Standard Specification 608, Standard Plan M-608-1 <input checked="" type="checkbox"/> ASTM : A-48 Standard Specification for Gray Iron Castings <input checked="" type="checkbox"/> AASHTO : M-105 Standard Specification for Gray Iron Castings <input type="checkbox"/> FHWA : <input type="checkbox"/> other : <input type="checkbox"/> Certificate of Compliance (COC) provided <input type="checkbox"/> Certificate of Verification (COV) provided for select categories		
Product Testing: (National/independent laboratories or universities with Report Date.) Certified Test Report (CTR) provided to validate all claims. <input type="checkbox"/> NTPEP-AASHTO: <input type="checkbox"/> FHWA : <input type="checkbox"/> other : <input type="checkbox"/> other : <input type="checkbox"/> other :		
State DOT Approvals, (current documentation required): approved in at least 45 states		Expiration Date 5 Years CDOT 05/29/2029
Sample submitted: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> n/a	Safety Data Sheets (SDS): <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> n/a	
Alternate Product Category:		
CDOT Product Restrictions by CDOT Evaluator: Per Section R305.1.3 or the US Access Board Final Rule, Contrast. Detectable warning surfaces shall contrast visually with adjacent walking surfaces, either light-on-dark or dark-on-light.		Evaluators Signature: David L. Kosmiski <small>Digitally signed by David L. Kosmiski Date: 2024.05.29 08:13:41 -06'00'</small>