

Standard Guidelines for Product Review
SIGN SHEETING, ASTM D-4956 TYPE VIII;
Section 02910.20
December 15, 2010

02910.20 – SIGN SHEETING, ASTM D4956 TYPE VIII

ODOT maintains a list of sign sheeting that follow the criteria listed in ASTM D-4956. Type VIII is a super-high intensity retro-reflective sheeting having highest retro-reflectivity characteristics at long and medium road distances and narrower angles. It is typically an unmetallized, microprismatic, retro-reflective element material. This sheeting is typically used for permanent highway signing, construction zone devices and delineators.

Specifications

- Shall meet the requirements of the Manual on Uniform Traffic Control Devices.
- Shall meet ASTM D-4956 Type VIII.
- Shall have a positive method of identification in the field.
- Shall have a warranty meeting the requirements set forth in Section 02910.75 of our Standard Specifications which can be found at:
http://www.oregon.gov/ODOT/HWY/SPECS/standard_specifications.shtml

To apply for inclusion on the QPL, submit the following:

- [Preliminary information for Product Evaluation Form](#).
- Copy of independent test reports showing conformance with the Specs listed above.
- Provide a letter from an independent testing lab that certifies the sheeting meets all of the requirements in ASTM D4956 for the Type, by color that approval is being requested.
- Spec data sheet.
- Detailed installation instructions.
- List of limitations and precautions.
- Listing of any coatings that are approved to aide in the removal of graffiti.
- List of materials that can be used to cover the signs without damaging the sheeting.
- Samples of the sheeting (2 each 8" x 10" for each color).

Submit documentation to:

Oregon DOT – Materials Laboratory
Attn: Product Evaluation Coordinator (503) 986-3059
800 Airport Road SE
Salem OR 97301-4798

<http://www.oregon.gov/ODOT/HWY/CONSTRUCTION/QPL/QPIndex.shtml>