

Section 7-1.13-(1.5-3.02)

OUTPAK-PVC CONCRETE WASHOUT

PART 1: GENERAL

1.01 Description

- A. Work shall consist of furnishing and installing an OUTPAK PVC concrete washout in accordance with these specifications and in conformity with the plans.
- B. Work includes preparing foundation soil, furnishing and installing leveling pad, washout and removal and disposal of washout

1.02 Related Sections

- A. Section 7-1.13- (15-3.02) – Erosion and sediment concrete section.

1.03 Reference Document

- A. American Society for Testing and Materials (ASTM).
 - 1. ASTM-D5199 Thickness +/- 5%
 - 2. ASTM-D792 Specific Gravity
 - 3. ASTM-D882 Tensile – lb. force/in. width, min.
 - 4. ASTM-D1790 Low Temperature Impact
 - 5. ASTM-D1204 Dimensional Stability
 - 6. ASTM-D792 Specific Gravity
 - 7. ASTM-D882 Seam Peel Strength, lbs/in. width
 - 8. ASTM-D882 Seam Sheer Strength, lbs/in. width,.

1.04 Submittals/Certification

- A. Contractor shall submit a Manufacturer's certification, prior to start of work, that the washout meets the requirements of this specification.
- B. The washout location should be shown on the Project specific Water Storm Pollution Plan (SWPPP) drawings or Erosion and Sediment Control Plan (ESCP) drawings.

1.05 Delivery, Storage and Handling

- A. Contractor shall check all materials upon delivery to assure that the size, type, and quantities have been received.
- B. Contractor shall protect all materials from damage due to jobsite conditions and in accordance with manufacturer's recommendations. Damaged materials shall not be incorporated into the work.

PART 2: PRODUCTS

2.01 Washout

- A. The Washout Consists of a custom formed PVC liner with pockets for holding L-Brackets and corners formed by the manufacturer.

2.02 Tie Downs

- A. 1" x 6" U-Shaped Stakes

2.03 L-Brackets

- A. L-Bracket shall consist of #3 Rebar bent to conform to the washout liner.

2.04 Washout

- A. The Washout consists of a custom formed PVC liner with pockets for holder L-Brackets and corners formed by the manufacturer.

2.05 Definitions

- A. Washout Liner - 10 oz. reinforced PVC
- B. L-Bracket - #3 Rebar (Quantities depends on size of the washout) L-Bracket
- C. Corner Stake tie-downs - 4 each

2.06 Base

- A. Material shall consist of native or imported soil. May also be level asphalt or concrete surface.

PART 3: EXECUTION

3.01 Prepare Level Surface

- A. Locate level area to deploy.
- B. Clear area where washout is to be deployed of debris, rocks, and other materials that may puncture the PVC liner. If rocks or other debris cannot be removed, cover protection with imported sand.

3.02 Set up Washout

- A. Unpack the PVC Outpak washout.
- B. Unfold the washout liner
- C. Insert the L-Brackets with the round closed and fitting up into the washout sidewall.
- D. Lift the Washout wall up

- E. Install the tie-down stakes by sliding them onto the open end of the L-Brackets and securing into the base soil.
- F. If a storm is imminent cover Outpak washout with a tarp to prevent overflow and washout.

3.03 Dispose Outpak washout

- A. After the washout has been filled with runoff material, allow the wastewater to evaporate leaving only solid concrete residue.
- B. After residue has dried load full washout onto a flat bed or dump truck using a small loader. Units may be stacked for easy transportation.

3.05 Field Quality Control

- A. Check washout unit for leaks ensure wash water is not leaking out of washout.
- B. Washouts may be used for multiple washout events and concrete placement events. Make sure that the washout has sufficient free space to hold the next planned washout event.
- C. If the washout is moved, note the new location in the project stormwater pollution prevention documents.