

SECTION 01 66 00 PRODUCT STORAGE AND PROTECTION

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Storage, handling and protection of products to be incorporated in the Work.

1.2 SUBMITTALS

- A. Submit a copy of written permission if property other than OWNER's is used to store materials or equipment.

1.3 STORAGE

- A. Store products immediately on delivery, per manufacturer's instructions, with seals and labels intact and legible.
- B. Store products subject to damage by elements in weather-tight enclosures.
 - 1. Maintain temperatures within ranges required by manufacturer's instructions.
 - 2. Provide humidity control for sensitive products, as required by manufacturer's instructions.
 - 3. Store unpacked products on shelves, in bins or in neat piles, accessible for inspection.
- C. Provide substantial platforms, blocking or skids to support fabricated products above ground, to prevent soiling or staining. Cover products, subject to discoloration or deterioration from exposure to the elements, with impervious sheet coverings. Provide adequate ventilation to avoid condensation.
- D. Store loose granular materials on solid surfaces to prevent mixing with foreign matter. Provide surface drainage to prevent flooding or ponding of rainwater. Prevent mixing with refuse or injurious materials. Do not store construction materials and equipment in municipal rights-of-way for more than 5 days.
- E. Arrange storage in manner to provide easy access for Inspection.

1.4 STORAGE ON SIDEWALK, CURB AND GUTTER

- A. Do not remove, block, or otherwise render sidewalks unusable by either the storage of construction equipment or materials or construction procedures used, unless a safe, usable, alternate walkway at least 4 feet wide is provided.
- B. Maintain curb and gutter clean and clear of debris, dirt, or excavated materials at all times.

1.5 MAINTENANCE OF STORAGE

- A. Maintain periodic system of Inspection of stored products on scheduled basis to assure that:
 - 1. State of storage facilities is adequate to provide required conditions.
 - 2. Required environmental conditions are maintained.
 - 3. Surfaces of products exposed to elements are not adversely affected.

B. Any weathering of products, coatings and finishes is not acceptable.

1.6 STORAGE AREA RESTORATION

A. Remove all plant, equipment and stockpiles from the Work.

B. Restore all storage areas and service roads to prior condition without any additional cost to OWNER.

1.7 PROTECTION

A. Installed Product: Provide protection of installed products to prevent damage from subsequent operations. Remove when no longer needed, prior to completion and acceptance of Work.

B. Finished Surfaces: Provide coverings to protect finished surfaces from damage.

1. Cover projections, wall corners, jambs, sills and soffits of openings, in areas used for traffic and for passage of products in subsequent work.

2. Protect finished floors and stairs from dirt and damage.

a. In areas subject to foot traffic, secure heavy paper, sheet goods, or other materials in place.

b. For movement of heavy products, lay planking or similar materials in place.

c. For storage of products, lay tight wood sheathing in place.

d. Cover walls and floor of elevator cars, and unprotected surfaces of car doors when used by construction personnel.

C. Waterproofed and roofed surfaces:

1. Prohibit use of surfaces for traffic of any kind, and for storage of any products.

2. When some activity must take place in order to carry out the Work, obtain recommendations of Supplier and installer for protection of surface.

a. Install recommended protection and remove on completion of that activity.

b. Restrict use of adjacent unprotected areas.

D. Security: Provide security for materials, equipment and tools. OWNER will not protect Work from vandalism.

1.8 PROTECTION OF LAWNS AND LANDSCAPING

A. Protect planted lawn and landscaped areas from pedestrian and vehicular traffic.

PART 2 PRODUCTS Not Used

PART 3 EXECUTION Not Used

END OF SECTION