

AQUABLOK® APPLICATION GUIDELINES:

Mobilization and On-Site Material Handling/Stockpile Maintenance Specification

Installation preparation activities to be performed by Contractor: mobilizing appropriate construction/installation equipment to the project area; providing site security and safety requirements (as appropriate); providing access for material deliveries; preparation of the material stockpile location; and, protecting stockpiled material from direct contact/exposure to water.

Transport of materials to the project site is customarily via tarped flatbed truck or covered van. The standard packaging unit is a 2,400-lb to 3,000-lb (1 to 1.25 cubic yard) bulk bag or “super sack.” Off-loading can be facilitated using appropriate equipment by lifting individual bulk bags from beneath (using pallets) or from above (using the four built-in lifting loops).

The number of material deliveries per day and the supply of lining material at the site stockpile area is generally based on placement rate. Dependent upon anticipated weather conditions, the quantity of material stored on-site should not significantly exceed what is needed to accommodate the planned rate of installation, unless the Contractor provides appropriate controls in the stockpile area.

Adequate stockpile maintenance is critical to material integrity and ultimate performance. Material can be stacked two pallets high, either under-roof or beneath waterproof tarps. In the event that the lining material requires outside storage prior to installation, the stockpile location should be elevated to promote prompt drainage and runoff away from the material. Tarps or temporary covers should be routinely maintained to ensure secure and complete coverage. Ponding water should be removed promptly to reduce the potential for infiltration. Material shall be stored in manufacturer’s original packaging (i.e. bulk “super sacks”) on pallets prior to installation. These practices help protect material both from precipitation and from run-off.

With proper stockpile maintenance, AquaBlok is resilient to most environmental conditions – even in both excessively arid and humid environments. However, the Contractor is responsible for any damage/material losses associated with long-term storage and excessive handling. In typical stockpiling scenarios, a 5% material overage is normally adequate to account for any associated material loss.

Questions or Comments?