

22.1.6 Delivery, Storage and Handling

- A. Delivery, storage and handling of products and materials shall be in accordance with the manufacturer's recommendations, Section 01600 of the specification and the following provisions:
- i. Delivery storage and handling shall at all times be performed in a manner to avoid product damage.
 - ii. Pipes and fittings shall not come in contact with any sharp projections that may cause damage to the pipes and fittings during transportation loading and unloading. Ensure that pipes and fittings are well secured during transit and adequately supported along their length. Cover pipes and fittings of plastic materials during transportation. Do not allow pipe to overhang the end of a vehicle during transportation.
 - iii. Ensure that pipes and fittings are lifted using nylon or large diameter rope slings positioned at a quarter of the pipe length from each end. Do not allow the use of wire rope chains or unpadded forks or clamps on forklifts to lift pipes.
 - iv. Store pipes and fittings on a flat level area as recommended by the pipe manufacturer. Ensure that pipes and fittings supplied either on pallets or crated, remain on the pallets or in their crates until required.
 - v. Stack non-crated pipes to the approval of the Engineer.
 - Stack spigot and socket pipes so that successive pipe layers have sockets protruding at opposite ends of the stack.
 - Stack pipes of different sizes and thickness separately.
 - Do not allow stacked pipes to exceed 2m in height or as recommended by the supplier whichever is the lesser.
 - Store uPVC pipes and fittings under opaque cover and out of direct sunlight at all times. Maintain a free flow of air around the pipes at all times.
 - Store rubber joint rings in a well ventilated place free from exposure to sunlight and in their original packings until they are needed.
 - The Contractor shall visually inspect all products upon delivery to site and report any damage to the Engineer.