

Long Term/Jobsite Storage Procedures (Fill and DRUs)



The PVC used to manufacture our Film Fill packs and Drift Reduction Units (DRU's) has a heat deflection temperature of 140°F. While in storage, if this temperature is met or exceeded, damage to the product is likely to occur. UV damage may also occur if appropriate storage procedures are not employed. Indoor storage is always preferred but due to area requirements, outdoor storage is often required. In order to prevent damage due to high temperatures caused by sunlight or UV deterioration, the following procedures must be followed.

1. The film fill packs must not be stacked more than 96" high. DRU's must not be stacked more than 60" high. Within each stack, each layer must be fully supported by the previous one and placed at right angles to the previous one. All bottom modules must be fully supported on skids on flat level ground.
2. All fill packs and DRU's must be stacked with individual PVC sheets oriented vertically.
3. Storage for periods longer than one month will require that all fill packs and DRU's be covered with tarpaulins having at least one white side which should be installed with the white side facing outward. Tarpaulins of any other color are not recommended and clear covers should never be used. Installation of the tarpaulins should include a minimum 6" air gap between the tarps and fill/DRU packs at the top and on the sides; The ends of the covers should be securely anchored on all sides with at least a 12" air gap at the bottom. These covers should provide shading while allowing air to pass through to prevent heat from building up.
4. For projects where individual nested sheets for fill packs or DRU's are supplied for field assembly, special care must be exercised so that the sheets are minimally exposed to direct sunlight. Tarpaulins as described above must be installed immediately on receipt of the individual PVC sheets at the jobsite. If fill sheets are shipped in crates, the crates may be stacked but not more than 60" high. DRU blades shipped nested must never be stacked. Be sure to keep all sheets clean and dry prior to assembly.
5. All storage areas should be protected from impact damage and from contamination with dirt or debris.
6. All storage of fill and DRU packs (assembled or in nested sheets) must be inspected daily to insure covers are secure and functioning properly.

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