

ProGUARD DP® Insulated Concrete Board

Shipping & Handling Information Sheet

ProGUARD DP® (PGDP) are 3'x8' EPS or XPS polystyrene panels with a concrete backerboard facing laminated on one side. They come in various thickness which dictate how many boards can be stacked on a pallet. Typically there are between 6 and 34 boards per wooden pallet to stay within a height range of 47 to 49 inches. Each pallet has a corrugated corner protector on each corner, is shrink wrapped and then plastic banded.

Weights of the pallets will vary depending on the thickness and quantity of boards. Typical weight ranges are 500 lbs up to 2000 lbs.

The wooden pallets can be picked up and moved from all four sides. It is always recommended to handle the skids, when using standard forks lengths of 36" to 42", from the side whenever possible. If fork extensions are available they allow for handling the skid from either end equally as well. The exception, if not using fork extensions, is when it is necessary to end load a pallet into a van.



Picture 1



Picture 2

Procedure for Loading PGDP into Vans

The recommended process for loading PGDP into a van is to move the pallet from one side up to the van opening (Photograph 1) and then move your fork truck around to one end and pick the pallet up so that the far end is only 1-3" off the ground (Picture 2). The cross bracing on the pallet is 28" in from the end. So standard 36" to 42" forks will lift the pallet from one end off the ground without damaging it. Once you have the pallet 1-3" off the ground slowly drive it into the van (Picture 3). You can lower the pallet so the far end is barely touching the bed and slide it forward or keep it 1-3" off the ground and move it into place.



Picture 3

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Procedure for Loading PGDP onto Flatbeds

The recommended process for loading PGDP onto a flatbed is to side load all pallets onto the trailer. Typical a full truckload will be 24 pallets, which will require 12 to be loaded from each side of the trailer (See Picture 4). The semi-driver will normally dictate where he wants the pallets centered on the trailer, but it is recommended to center the pallets back-to-back in the middle of the trailer deck.

Once all pallets are loaded they must be strapped securely with corner protectors under the straps over each section of the back-to-back pallets (See Picture 5). ***It is critical that straps securing the PGDP are not over tightened (See insert to the left) or the product will be damaged and unusable.***



At a minimum the PGDP material on the trailer must be tarped with a smoke tarp. A smoke tarp will cover the front vertical stack of the PGDP pallets as well as the top of the first two pallets. This is critical for protecting the PGDP material from not only the exhaust of the trucks but from weather and road debris. Full tarping of the entire truckload is preferred.



It is important to note that step deck trailers are not acceptable for FTL of PGDP as most top decks are 10' long so 2 ft of space is lost when using 8' pallets (See Picture 6).



Conestoga trailers are acceptable to use if they are of the accordion style (see insert left) and will replace need to use tarps on the product.



Picture 4



Picture 5



Picture 6