



## Dock Flotation Installation & Procedures

### Procedures for Using Permafloat Dock Flotation

*Adherence to the following procedures is required under the Permafloat® 15 year warranty*

#### FLOAT STORAGE:

- Permafloat dock floats are shipped upside down with the plug hole facing downward. **Note: We recommend floats remain face down in storage.**
- Do not store floats with vent plugs inserted in areas of direct sunlight or extreme temperatures.
- Do not stack floats in excess of ten feet high.
- Dropping the float may result in damage to the corners and flanges.

#### VENT PLUGS:

- Vent plugs are not to be installed until the float is ready to be installed and or used.
- Prior to vent plug insertion, ensure any water that entered the float through the vent hole is drained completely.
- Apply silicone or pipe sealer on vent plug prior to installation to keep the float watertight.
- A 5/16" Allen wrench is needed to install the vent plug.
- Thread the vent plug into the float drum until the top of the plug is level with the top of the float.

#### DOCK FRAME SUPPORT:

- Both the sides and ends of the float must be supported by the dock frame.
- The minimum frame support of the float must be every 48" x 48", or sixteen square feet.



## Dock Floatation Installation & Procedures Continued

### FLOAT ATTACHMENT:

- All mounting slots of float must be bolted or lagged to the frame if the dock is exposed to tidal changes or strong wave action.
- A minimum of four mounting slots must be used to attach the float to the dock frame for any float four feet in length or less.
- Floats greater than four feet in length must be attached using all mounting slots along the sides of the float and at least one hole or slot in every corner.
- Attachment requires a minimum of 3/8" bolts, lag screws or float clips.
- Bolts, lag screws, float clips, washers and lock nuts must be galvanized or stainless steel.

### DOCK INSTALLATION AND REMOVAL:

- When installing or removing a dock section with float installed, lift each section – do not slide floats.
- In areas of severe ice movement, docks must be removed during winter months.

**For additional technical support or questions regarding the use of Permafloat dock flotation please call 800-944-6115 or email [order@permafloat.com](mailto:order@permafloat.com)**

\*All weights, buoyancies, and dimensions are nominal and subject to manufacturing tolerances. Buoyancy numbers provided are maximum assuming complete submersion. Lower buoyancies will be achieved with less than complete submersion. Purchasers of our floats and lift tanks should engage with professional design experts to incorporate these products into their marine systems.

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