

# HEWI Pier Support System

Complete Support system for structured fill media



Support system consists of adjustable, corrosion resistant components:

- Base Plate
- Stanchion Pipe
- Top Plate
- FRP Grid

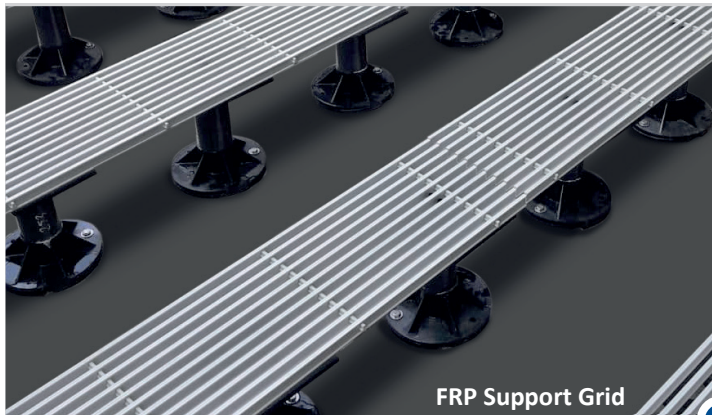
The Hewitech pier support is a pre-engineered and fabricated system for structured media designed to replace dwarf wall and heavy concrete systems.

This is a field adjustable base, the pipe stanchions supporting the grid can be placed in a variety of positions at different heights to suit the tank configuration.

All components have been engineered from corrosion resistant and rigid and durable UPVC increased strength and resistance to deformation by using FRP (fiber-reinforced polymer).

## Features

- Complete system, including pier spacing and grid loading
- Allows maximum air and waste water flow through the plenum
- Less expensive compared to concrete systems
- Quick and easy installation
- Resistant to deformation
- Erosion resistant
- Very good mechanical resistance
- Improved surface quality and aerodynamics



FRP Support Grid

### Technical information

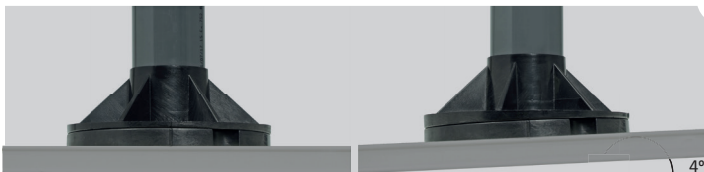
- Material: Polypropylene (PP) Polyvinylchloride (PVC) and Fiber-reinforced Polymer (FRP)
- Color: anthracite with UV resistant / grey
- Resistant to dissolved various chemicals, fungi and rot resistant,
- Maximal operation temperature: 75 °C (PP) and 55°C (PVC)
- Tolerances: max 2%
- average support height of 600 mm



HEWI Leg-Support

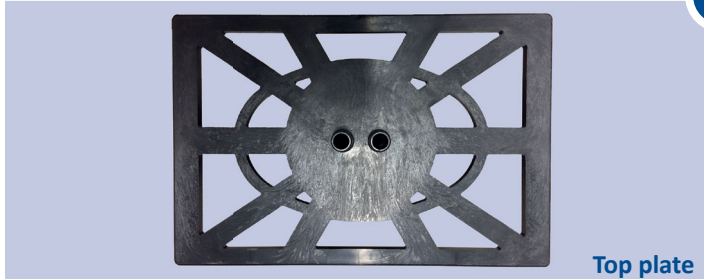
### Easy Installation

- Lay out the grid pattern on the tank floor
- Locate and level bases
- Anchor base plate
- Measure & cut extruded stanchion tubes
- Fix the base, stanchion and top flange
- Place the pre-cut grids onto the piers and fix down



Base plate

Base plate infinitely variable up to 4% inclination without any tool grant optimal positioning of HEWI Pier Support.



Top plate

Different top flange plates available, accurate fitting to different grid pattern or additional FRP beams, top flange with wide opening for non clogging behavior at HEWI Pier Support grant good water drainage.

This general information about technical data and descriptions of our products has been put together with greatest care. We reserve the rights of any changes without further notice. We recommend to re-check data before using in final project designs. All data without obligations and consequences due to non-compliance.