

How to join together low-profile drum bunds using joining strips and sump connectors

Introduction

Low-profile drum bunds (spill pallets) are a portable or temporary bund that provides spill containment for drums, tanks, equipment and machinery. When joined together, these spill pallets are able to form a large bunded storage area or work platform with a single, common sump.

Low-profile drum bunds feature a polyethylene sump with removable polypropylene grates and are resistant to oils, fuels and a range of chemicals. If in doubt as to the suitability with a particular chemical, please contact our office for clarification.

PREPARATION

- Check the area where the bund is to be located is free from rocks, sticks, small stones, grit or debris. Sweep the area clean.
- Place the bunds in the desired configuration on **level ground**.
- Bunds can be joined side by side, end to end, in an L-shape or in any configuration using the joining strips and sump connectors. A joining strip is required for every join.
- The joining strip is available in two lengths - 1183mm (standard) and 1793mm for the long side of the six-drum bund. Joining strips can easily be trimmed to size. Warming the strip with hot water helps to soften the plastic and enables easier installation.
- Remove floor grates from the bunds prior to installation.

INSTALLATION

- Locate the two drill point dimples on the outside side walls of each bund, approximately 300mm in from each end and 40mm up from the base (Fig 1). Using a 35mm hole saw, place the drill point in the centre of one of the dimples and drill through the bund wall.
- Repeat for the other sidewall dimple. **NOTE:** The short side of the two-drum bund only has one dimple.
- Repeat for the other bund that is to be joined. **NOTE:** Only drill holes in the walls that are intended to receive the bulkhead fittings.
- Place a gasket over the thread of the bulkhead fitting and from the inside of the bund, push the bulkhead fitting through the hole. The fixed hex nut and gasket should be inside the bund (Fig 2).
- Push the bulkhead fitting through the hole in the bund that it is to be joined to and place the gasket over the thread. Position the hex nut onto the thread and hand tighten. The hex nut and gasket should be inside the bund.
- Repeat for the other hole.
- When both fittings are installed, tighten the hex nuts until the bund walls are firmly together. Make sure the gaskets seal but **DO NOT OVERTIGHTEN**.
- Position the joining strip over the joined bund walls (Fig 3) and push to fit.



Figure 1

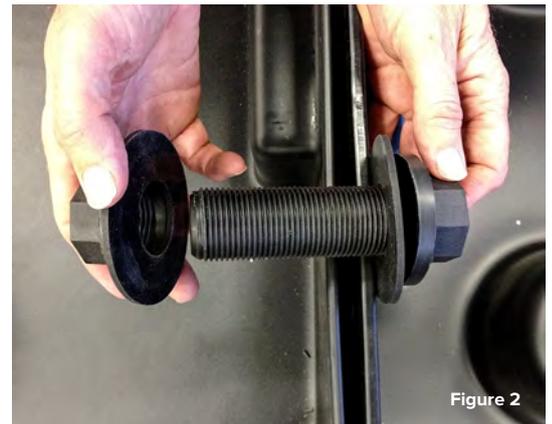


Figure 2



Figure 3