



# ALUMINIUM FLOOR BUNDING

AUSTRALIA'S BEST DRIVE-OVER FLOOR BUNDING SYSTEM

Product	Code			
Aluminium Bunding	AFBALU300	1200mmL	184mmW	30mmH
Installation Kit	AFBALU300D	4 concrete fasteners, 1 tube adhesive sealant		



HI-VIS OPTION AVAILABLE

## APPLICATION EXAMPLES

- Industrial areas with heavy duty machinery
- High frequency traffic areas
- Class 3 Flammable liquid storage areas
- Warehouses, doorways and access points
- Wash bays

## FIRE RESISTANT

Aluminium Floor Bunding is a unique product ideal for flammable liquid containment in accordance with safety legislation AS 1940-2004 "A spillage containment compound shall be sufficiently impervious to retain spillage and to enable recovery of any such spillage. The compound shall be chemically resistant and fire resistant as far as is necessary to fulfil its locations." Aluminium is non-magnetic and non-sparking, therefore suitable where explosive vapour mixtures are present.

## PERMANENT

Aluminium bunding will offer similar longevity to concrete bunds but at a fraction of the price. Install it once and it will protect your site for many years to come.

## TOUGH

This solid and robust bund, made from marine grade extruded aluminium, withstands frequent and heavy traffic over a long period of time. The aluminium bund is suitable for heavy vehicles such as Class 2 RAV B-Doubles and heavy duty container forklifts.

## PRACTICAL

The grooves provide traction as the vehicle passes over the low profile bund. The 30mm height provides bunding capacity while the profile maximizes clearance and allows easy vehicle passage with minimal driver discomfort.

## STRAIGHTFORWARD INSTALLATION

The standard aluminium bund comes in predrilled 1200mm long sections. The installation kit includes concrete fasteners and adhesive sealant. Cutting is available at additional charge for mitre corners and custom lengths.

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## INSTALLATION INSTRUCTIONS

### PREPARATION

Substrate surface where the floor bund will be installed must be clean and free of oil and grease and any other contaminate that may affect the adhesion. If substrate is very dusty or in poor condition it would be best to paint/seal substrate first for a perfect seal between substrate and floor bund.

### LAYING ALUMINIUM FLOOR BUNDING ("AFB")

1. Using a chalk line, mark out the substrate floor where the AFB is to be installed.
2. Using the chalk line as a guide, measure the length required for each section of the bund and cut AFB to match. NOTE: If measurements are provided with the order, lengths can be cut to size for a small additional charge.
3. Lay AFB centrally on the substrate floor in the correct position ensuring that the ends of each piece line up (leave a minimum 2mm gap between each section for sealant and possible expansion).
4. Using the predrilled holes within the AFB as a guide, drill 10mm diameter hole into substrate floor approximately 70mm deep and vacuum away resulting dust.
5. Run masking tape across the top edge of the ends of adjoining sections. Liberally apply urethane sealant onto the underneath outer channels on both edges of the AFB. Also apply a liberal amount of sealant on the ends of each adjoining section. Use sufficient sealant to form a complete seal of the AFB to the substrate and each adjoining section.
6. Place the prepared section of AFB onto substrate, insert concrete fasteners through the AFB and partially tighten.
7. Repeat steps 1-6 until all sections have been secured to the substrate.
8. Run a bead of urethane sealant along the inside edge of the bund system to provide a final seal – this will ensure a bund is created.
9. Fully tighten making sure the top of the concrete fastener is below the surface of the AFB. After each section has been fastened down, smooth off the excess adhesive on joins and remove tape.
10. Stand back and admire Australia's best drive-over floor bunding system.

### SPECIFICATIONS AND BILL OF MATERIALS

1. Aluminium Floor Bund 1200mmL sections with 4 x predrilled holes
2. Concrete Fasteners 10mm x 75mm Hex Bolt type x 4
3. Adhesive sealant x 1 tube

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#### Disclaimer

The Manufacturer and its distributors are not liable for any product failures relating to installation, deliberate misuse of the product, or damage caused by vehicle usage or accidents. It is the owner's responsibility to ensure that all site engineering and safety standards are met during handling and installation, and where necessary, appropriate consultants are engaged to provide the necessary technical advice and to ensure that the substrate is structurally suitable for a secure and sealed bund.