KEYTEC Geomembranes
LINING SOLUTIONS

KEYBUND

The Key To All Spillages

KEYBUND is a containment system to catch fuel or chemical spills.
At keytec we only provide the best material by using KEYTEC 1500. KEYTEC 1500 is a synthetic, reinforced membrane based on a polyester textile which is molecularly coated with a high quality resin. The polyester tissue gives high mechanical properties to the membrane while the coating provides the waterproofing and chemical resistance. **Also Keytec 1500 can also withstand maximum atmospheric temperatures of 160°C.**

WHAT IS **KEYBUND** USED FOR?

- Bunding of tanks and drums
- Plant and generator bunding
- Catches fuel and chemical spills or drips
- Vehicle and equipment wash-down
- Portable decontamination pool for people and equipment
- Effluent, sewage and waste liquid catchment
- Agriculture - infection control

KEYBUND is quick and easy to assemble all you need to do is unfold and insert the L-shaped aluminium brackets into sleeves spaced around the perimeter of Containment bund, which provide a sturdy sidewall support.

Custom sizes are available.

EFFECT OF FLUID ON MEMBRANE - FLUID HAS LITTLE OR NO EFFECT

Fluid has little or no effect - Acetic acid (5%), Ammonium phosphate, Ammonium hydroxide, Ammonium sulphate, **Antifreeze (ethylene glycol)**, Vinegar (8º), Butanone, Calcium chloride-solution, Calcium hydroxide, Chlorine solution (20%), Clorox (bleaching agent), **Diesel, Ethanol**, Phosphoric acid(50%), Glycerine, Hydrochloric acid HCl (50%), Hydrofluoric acid HF (5%), Hydrofluoric acid HF (50%), Isopropyl alcohol, Potassium chloride, Potassium sulphate, Kerosene, Magnesium chloride, Magnesium hydroxide, **Fertiliser solution**, Methanol, Mineral spirits, Sodium acetate solutions, Sodium bisulphate solution, Sodium phosphate, Sodium hydroxide (60%), Nitric acid (5%), Oils: **ASTM type 3, animal, vegetable, hydraulic – petroleum, corn, crude, raw linseed, SAE-30, transformer, Terpentine**, Water (potable) 23ºc, Water (sea) 23ºc, Zink chloride, Sulphuric acid (50%)

Property	Norm	Value
Thickness	ASTM D-751 / DIN 53370	0,91 mm
Weight	ASTM D-751 / DIN 53370	1092 g/m²
Dimensionel stability	ASTM D-1204/ DIN 53377	0,5% max
Tear strength LONG	DIN 53515	800 N/mm
TRANS		771 N/mm
Tensile strength LONG	ASTM D-751 (grab tensile)	3646 N
TRANS		3302 N
Adhesion weld	ASTM D-715 / ASTM D-413	175 N/5cm
Hydrostatic resistance	ASTM D-751	577 N/cm²
Abrasion	ASTM D-4060 Taber methode	33 mg / 100 cycli
Puncture resistance	ASTM D-751 / D-4833	1238 N
Bursting strength	ASTM D-751 (ball tip)	3347 N
Thermal expansion coefficient	ASTM D-696	1,8 x 10-5 mm/mm/°

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