

## AKRODEK RUBBERISED BITUMEN EMULSION

AKRODEK Rubberised Bitumen Waterproofing Compound is a non-toxic, non-inflammable water-based liquid. The product is environmentally-friendly and may be used together with a non-woven, needle punched polyester fabric for a variety of environmental applications such as the lining of earth dams, irrigation canals, chemical waste dams, oxidation ponds and the like. The product can be used in sewerage and waste water tanks, reservoirs, and other structures that need to be watertight. Once cured, the product is totally impervious to the ingress of water.

### TYPICAL USES

Earth dam linings, chemical waste dams, concrete reservoirs, concrete canals, oxidation ponds, potable water storage tanks, earth canal liners, fish ponds, galvanised metal tanks, PVC tanks, sewerage treatment works, reservoirs, filter beds, and animal drinking troughs.

### PRODUCT SPECIFICATION AND DATA

PROPERTY	RESULT	TEST METHOD
Water Vapour Permeability	4.1g/m <sup>2</sup> /24hr/mm @ 75% relative humidity	BS 3177/59
Puncture Resistance	54 N/mm thickness	SABS 952-1969
Elongation at Breaking	100%	SABS 952-1969
Breaking Force	12.9 N/mm width	SABS 952-1969
Toxicity Imparted to Water	None	SABS 1217
UV Resistance	500 hours in QUV "weatherometer"	SABS 1134-77
Acid Resistance	Unaffected by 30% sulphuric acid after 1 year	
Softening Point	91 °C	
Ductility	> 100cm	
Elastic Recovery	47.5%	
Flash Point	Non-inflammable	
Fire Resistance	Low fire spread / fire retardant	
Solids Content	61%	
Mass per Litre	1.05 kg/l	
Colour	Black when dry	
Drying Time	2 to 3 hours under ambient conditions	



# OLYMPIA

## Paints

# Technical Bulletin

### HEALTH AND ENVIRONMENT

There is no health risk involved in handling **Akrodek Rubberised Bitumen Emulsion Compound**. Spillages and splashes may be cleaned off with clean water. Avoid spillages into main water supply or landfills. Consult your local authority for information on the disposal of spillages.

### GENERAL

This information is given in good faith and based on our present state of knowledge and is subject to technological upgrades or advances. We cannot guarantee the performance of our products as we have little or no control over their end use. We do however warrant that if used as recommended, the product will perform as specified or expected.

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