

MEGAFLEX

TECHNICAL DATA SHEET

PRODUCT DESCRIPTION	Megaflex is a 2 component elastomeric waterproof and moisture barrier coating with added fiber.		
PRINCIPAL USES	<ul style="list-style-type: none"> Concrete structures, storage tanks, pipes, basements, water canals, bridges and both internal and external walls and floors against hydrostatic pressures Moisture barrier for concrete coatings Balconies, showers and under tiled applications Water features, fountains, swimming pools, ponds and sewage treatment plants Protection of new and old exposed concrete against carbonation, chloride and sulphate attack 		
BENEFITS	<ul style="list-style-type: none"> Hassle-free and easily applied Highly flexible with crack bridging capabilities Excellent adhesion to most masonry substrates Non-toxic to water plants and fish Can be used with or without membranes 		
SAFETY & HANDLING	Wear dust masks when mixing. Use gloves, eye protection at all times. Should the product come into contact with eyes, wash immediately and seek medical advice.		
SURFACE PREPARATION	Concrete must be structurally sound. Remove all oil, grease, paint, corrosion, dust and surface deposits. This can be done by wire brush, water jetting or sandblasting, the substrate must be dry or slightly wet. Deep voids, cracks and spalling must first be repaired. Consult with your local representative about our range of repair mortars.		
MIXING INSTRUCTIONS	Megaflex must be mixed mechanically. Pour the liquid part into a mixing container, then slowly add the powder component whilst stirring with a low speed paddle drill. Add powder until desired consistency is achieved. Mix for 3 minutes ensuring the mixture is uniform, smooth with no lumps. A maximum of 200ml water can be added to adjust consistency.		
APPLICATION	<ul style="list-style-type: none"> Keep substrate moist during application. Can be applied by trowel, roller, brush or mechanical spray equipment. Apply at a maximum thickness of 1,5mm per coat. 		
PERFORMANCE DATA	<ul style="list-style-type: none"> Chemical base. Liquid- acrylic polymer dispersion. Powder- cement aggregates, fibre and additives 	PROPERTY	TYPICAL RESULTS
		Tensile strength	4.35Mpa
		Flexural strength	10.6Mpa
		Compressive strength	<32Mpa at 28 days
		Bond strength	1Mpa at 23°C/ 50% RH
		Water permeability at 48 hours	Nil
PRODUCT DATA	POT LIFE	Approximately 45 minutes at 25°C	
	PACKAGING	Liquid Part A 5ℓ	Powder Part B 10kg
	YIELD	At a consumption rate of 1,5 to 2,5kg per m ² the yield per 15kg kit will be between 6 to 10m ²	
	LIMITATIONS	Do not apply if surface temperatures are below 9°C Avoid excessive heat 35°C and higher Relative air humidity of <75% RH Protect freshly placed coating against direct sunlight, heavy winds and rain for 24 hours. Megaflex will cure slower in humid conditions	
	SHELF LIFE & STORAGE	12 months when stored in a cool dry place, failure to comply with these recommendations will result in a reduction in shelf life.	