

# ELASTOSHIELD S300

## Description

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**ELASTOSHIELD S300** is a water based tough, hard wearing elastomeric coating that adheres to existing painted surfaces, concrete, timber, waterproofing membranes and sealants with minimal preparation. Supplied at application viscosity, it gives an extremely tough and hard film. Because it uses a high performance polymer it is resistant to yellowing and age crazing. It has state of the art UV absorbers incorporated that assist in surface protection from the effects of sunlight. It is frequently used as an waterproofing, /sealing, decorative coating on retaining walls, concrete construction panels, renders and plasters.

### Note:

Typical drying times @ 20°C are ;	Surface-dry	30 minutes
	Tack-free	2 hours
	Hard dry	4 hours

Over-coating should be done within 72 hours in average conditions.

No thinning is needed.

Clean up should be done with water and soap immediately.

### Typical Properties.

Resin type	High performance polyurethane acrylic.
Solvent type	Water
Solids	55-60%
pH	8.8
Viscosity	24,000 cps
Acid value	Zero
Colour	Available in many colours
Specific Gravity	1.238g/cc
Elongation	300-400%

As with all coating surfaces all substrates must be clean, dry and sound. Allow new concrete to cure for 28 days before coating. Removal of laitance is essential, either by grinding or etching and water blasting. Make good any spalled, pitted or worn areas of concrete. Some previously coated surfaces will benefit from a roughening of the surface with grit paper, tests should be performed for each application if unsure.

If unsure apply either MC1930 or AC1910 primers for maximum adhesion, some applications may require special primers as specified in the scope of works.

Do NOT apply Elastoshield M300 when the temperature is either below 10°C, or above 35°C. Do not apply Elastoshield M300 when rain is imminent, or likely before full cure.