



TDS 2.2
WARRIORSHIELD™ WATERPROOFING

DESCRIPTION:

Warriorshield™ Waterproofing is a highly durable water-based and water-resistant acrylic compound which is used in conjunction with a waterproofing re-enforcing membrane. It may be used without a membrane on a sound previously waterproofed surface as a maintenance coat.

The waterproofing system is UV resistant.

USES:

Warriorshield™ Waterproofing is used for waterproofing concrete roofs, IBR galvanised roof sheeting, cement roof tiles, fibre-cement roofs, parapets and flashings.

SPECIFICATION OR RECOMMENDED PAINT SYSTEM:

1. **SURFACE PREPARATION:**

The area to be waterproofed must be dry, free of any dirt, dust, loose particles and other contaminants. All metal surfaces should be free of rust and primed with one coat of Warrior Metal Etch Primer (allowed to dry for 4 hours) prior to application of Warriorshield Waterproofing. Surface preparation and application may vary depending on the nature, size and shape of the substrate. For large projects or when in doubt consult the Warrior Paints Technical department.

2. **RECOMMENDED APPLICATION PROCESS:**

- a) Apply by brush or roller one liberal coat of Warriorshield Waterproofing to substrate and allow to dry. (0.25 to 0.5 litres per m²)
- b) Apply by brush or roller one liberal coat of Warriorshield Waterproofing and firmly press the waterproofing membrane into the wet waterproofing liquid using a stiff brush or roller. (1.0 litres per m²). Smooth out and eliminate all air bubbles and creases. Allow a minimum overlap of 50 mm on adjacent membrane strips. Ensure that the Warriorshield Waterproofing is constantly wet by not placing more than 1m of membrane at a time.
- c) Whilst wet immediately apply a third coat of Warriorshield Waterproofing to ensure that the fabric is completely saturated. (0.5 litres per m²) Allow to dry for a minimum of 4 hours.
- d) Finish off by applying either two coats of Warriorshield Waterproofing (0.25 to 0.5 litres per m² per coat) or one coat Warriorshield Waterproofing and two coats of Warrior Acrylic finishing coat of your choice. A spreading rate of 2.5 to 3.0 l of Warriorshield Waterproofing per square meter of reinforcing membrane for the complete system is recommended.
- e) It is important that Warriorshield Waterproofing extends 50mm beyond the membrane to ensure adequate adhesion in order that the edge does not lift.
- f) When waterproofing a parapet wall ensure that the Warriorshield Waterproofing extends 50mm beyond the membrane, which should extend 100mm over the edge of the parapet wall.

PROPERTIES:

APPLICATION:	Brush or Roller
CLEANING SOLVENT:	Water
THINNING SOLVENT:	Do not thin - ready for use
SPREADING RATE:	Spreading rate will vary depending on conditions and the substrate between 2.5 to 3.0 litres per m ² for the complete system.
DRYING TIMES:	SURFACE DRY: 1 Hour TOUCH DRY: 4 Hours OVERCOATING: 4 Hours
COLOUR RANGE:	White, Grey, and Red Oxide
PACK SIZES:	5L, 20L
LIFE EXPECTANCY:	8-10 years (A two coat maintenance system should be applied every 5 years)
FINISH:	Low sheen
FLASH POINT:	Non flammable



GENERAL INFORMATION:

- a) This product is not recommended for use on the inside of dams and swimming pools or in ponding situations.
- b) It is important that this product be thoroughly mixed with a flat paddle before use.
- c) As per standard painting practices, no painting should take place if surface or ambient temperatures are below 10°C or above 30°C. Painting should cease at 3pm or when rain is imminent.

DISCLAIMER

The recommendations contained herein are given in good faith and are meant as a guide for specifiers and users. They are based on laboratory tests and practical historical experience. No guarantee or warranty is implied by the recommendations contained in the Technical Data Sheet as conditions of use, application method, cleanliness and soundness of the substrate are beyond our control.

N.B. Technology may change with time necessitating changes to the Technical Data Sheet (TDS). It is the specifiers and users responsibility to ascertain that the latest TDS is being used.

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