

WDC



WDC is a water dispersible epoxy coating which is odour and taint-free, and non-flammable. It is specifically designed for low cost protection and sealing of concrete, particularly in reservoirs, dairies, and other food processing areas. Other uses include medium-duty floor sealing. With the inclusion of a suitable aggregate, WDC can produce slip and skid-resistant surfaces.



- WATER DISPERSIBLE**
- SOLVENT-FREE**
- EXCELLENT ADHESION TO DRY AND DAMP SURFACES**
- LOW ODOUR**
- NON-TAINTING**

TECHNICAL INFORMATION:

PRODUCT INFORMATION	
COLOURS:	Red Oxide, Sea Grey, Dark Sea Grey (other colours available on request)
SPECIFIC GRAVITY @ 20°C (Mixed):	Clear: 1.10, Pigmented: 1.40 – 1.55
POT LIFE @ 10°C:	Clear: 2 hrs, Pigmented: 2 hrs
MIN. RE-COAT TIME @ 10°C:	Clear: 10 hrs, Pigmented: 8 hrs
MIN. APPLICATION TEMP. (For 36 hrs):	Clear: 8°C, Pigmented: 8°C
CONSUMPTION (m²/kg/coat)	Clear: 5 - 6, Pigmented: 4 - 5
CAUTION:	The end of Pot Life is not recognizable by a change in viscosity. Do not use any mixed material that has exceeded the stated pot life even though it appears to be useable liquid

DIRECTIONS FOR USE:

PREPARATION

Surfaces should be clean, firm, and free from grease, dirt, oil, etc. Mechanical preparation to remove cement laitance is recommended. Surfaces may be damp but must be free from standing water or any contamination which may impair adhesion.

PRIMING

WDC can be used as a self-priming coat where, according to surface porosity, up to 10% (max.) of water may be added to the first coat.

MIXING

Mix all of Part A with all of Part B - thoroughly - using a mechanical stirrer to ensure complete mixing of the resin and hardener components. Mixing should be continued for at least 3 minutes. Up to 10% of water may be added after mixing as a thinning agent for the first coat only. Thoroughly re-mix.

DO NOT SPLIT PACKS - NOT SUITABLE FOR HAND MIXING.

APPLICATION

Standard Coating: Standard paint application techniques are used with WDC. On porous substrates it is advisable to use a priming coat of WDC diluted with up to 10% (by volume) of water (added after complete mixing). Two coats (excluding prime coat) are required to achieve maximum depth of colour and ensure maximum protection. In some cases, 3 coats may be required (e.g. light colours). Subsequent coats are applied as soon as the first coat is touch dry - approx. 6 - 8 hours @ 20°C and 60% humidity. Coverage approx. 4-6M²/kg/coat (depending on porosity).

DO NOT APPLY IN THICK LAYERS.

Non-Slip Coating: To create a non-slip coating, apply one coat as detailed above (priming coat as required). While this coating is still tacky, broadcast the surface with the chosen aggregate (usually kiln dry sand 0.7 – 1.2mm) at a rate of 1.5– 2.5kg/m². Allow the first coat to dry (usually overnight) and remove excess sand by brush or vacuum before applying a second coating of WDC as above.

Curing: When using WDC, the following conditions should be maintained. Temperature - Minimum 8°C during application and for a period of 24 hours subsequently. Humidity - Maximum 80% during application and for a period of 24 hours subsequently, i.e. protect from damp or inclement weather.

CLEANING

Remove from tools, equipment, hands and skin using warm soapy water or resin removing cream.

STORAGE

WDC should be stored in closed containers protected from the extremes of temperature.

SHELF LIFE

12 months maximum in manufacturer's unopened containers. Keep away from extremes of temperature.

PACKAGING

5kg packs.