

EPICOL 2000

PRODUCT DESCRIPTION

A two component epoxy coating for potable water, cured with a fast setting amine.

USES

- Ductile iron pipes for the water industry.
- Fixtures and fittings.
- Valves used in the water industry.
- Storage tank internals.

TECHNICAL PROPERTIES

Colour	White
Finish	Semi Gloss
Curing Agent	Epicol 2000 Curing Agent
Mix Ratio	1 Base : 1 Curing Agent by volume
Specific Gravity	1.50 (mixed)
Volume Solids	100%
Recommended Film Thickness	150-200µ WFT / 150-200µ DFT
Theoretical Spreading Rate	5-6.7 m ² /litre
Application Method	Brush, Spray
Flash Point	n/a
VOC	0 g/litre
Drying Times	10°C 20°C 30°C
Touch Dry	8 hours 6 hours 4 hours
Hard Dry	24 hours 16 hours 12 hours
Minimum Overcoat	36 hours 16 hours 8 hours
Maximum Overcoat	7 days 3 days 2 days

Allow 14 days cure at 15-20°C before commissioning

CERTIFICATION/APPROVALS

RECOMMENDED SYSTEMS

Apply to recommended film thickness.

SURFACE PREPARATION

Steel: This product is designed to be applied to a blast cleaned substrate only. Firstly degrease as per the requirements of SSPC-SP1 to remove all oil and grease etc. Abrasive blast clean to a minimum standard of ISO 8501 : 1988 SA 2½ (peak to trough profile 50-100µ).

Cement: Requires removal of all dust, dirt and laitance May require blasting cleaning in extreme circumstances. All surfaces must be free from oil, grease and other contaminants. Ensure the surface is dry and firm.

PRODUCT APPLICATION

Mixing

Mix 5 litres Base to 5 litres Curing Agent.
Mix thoroughly and use immediately.
Pot life 1 hour at 20°C.

**** WARNING: AFTER 1 HOUR, ANY REMAINING MATERIAL BECOMES EXOTHERMIC, REACHING UP TO 80°C.**

Thinners

Do not thin.

Brush

Suitable for small areas only.

Airless Spray

Hydracat system preferred as mix ratio 1:1 by volume but normal airless spray may be used if pot-life is monitored closely.

Tip size 0.65-0.78 (0.024"-0.028")

Pump ratio 60:1

Tip pressure 205-240 Bar (3000-3500 psi)

Paint temperature 15°-35°C

Please note the higher the temperature the shorter the pot life.

Cleaner

Thinner No.5

Cleanup Considerations

All equipment should be cleaned immediately after use with Thinner No.5

It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied.

Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

HEALTH, SAFETY & ENVIRONMENTAL

This product must be used in accordance with the Material Safety Data Sheet supplied by Spencer Coatings Limited.

The user must observe local health, safety and environmental regulations when using this product.

Consult Spencer Coatings Limited if there are any concerns over the suitability of this product.

PACK SIZES

10 litre composite packs

PACK WEIGHTS

10 litre : 15 kg. (mixed)

STORAGE CONDITIONS

Store in a cool, dry, shaded area. Minimum shelf life 12 months in unopened containers.

LIMITATIONS

Do not apply this product if the RH exceeds 90% or if the substrate is within 3°C of the dew point.

DISCLAIMER

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It is the user's responsibility to ensure that this sheet is current prior to using the product.