

MasterProtect[®] P 659

Amine-cured epoxy

DESCRIPTION

A deep penetrating epoxy primer. For use with **MasterProtect** Protective Coating systems. Primer for use prior to application of **MasterProtect 1812** and **MasterProtect 1825**.

TYPICAL APPLICATIONS

MasterProtect P 659 is applied to cementitious substrates where a strong tenacious bond is required.

FEATURES

- Excellent penetration properties
- May be spray applied
- Excellent overall chemical resistance
- Improves bond of **MasterProtect** systems
- Highlights pinhole & blowhole defects in concrete substrate

LIMITATIONS

- Do not use in water immersion over 60°C
- Epoxies lose gloss, discolour and will chalk in direct sunlight exposure.

PACKAGING

MasterProtect P 659 is supplied in 23.25kg (17.5 L) units.

TYPICAL PROPERTIES*

Colour	White
Solid content	54% by volume
VOC	380 g/L
Mixed density	Approx. 1.33 kg/L
Working time	4hrs @ 25°C and 90 minutes @ 40°C
Tack free time	1hr @ 25°C and 30 minutes @ 40°C
Overcoat time	6 hrs @ 25°C and 4hrs @ 40°C
Immersion temperature resistance	Immersion temperature resistance is dependent upon exposure. Please consult Master Builders Solutions Technical Service for specific information

APPLICATION GUIDELINES

MasterProtect P 659 may be applied by airless spray, brush or roller. Please refer to our latest Method Statement for detailed application instructions.

SURFACE AND SUBSTRATE PREPARATION

General

Surfaces must be clean and dry. Use suitable methods to remove dirt, dust, oil and all other forms of contamination that could interfere with the adhesion of the primer.

Concrete

Concrete must be cured for 28 days. Mechanically surface profiling is the method of surface preparation. Mechanically profile the surface to CSP3 as described by the International Concrete Repair Institute. Voids and pinholes must be repaired.

Steel

Prepare to SSPC-SP6. Surface profile 50-75 micron.

CLEANING

Use a suitable Xylene thinner in case of spillage, absorb and dispose of in accordance with local applicable regulations.

COVERAGE / YIELD

Approx. 150-300g/m²

WATCHPOINTS

No additions or omissions are required and on no account should attempts be made to split packs.

STORAGE AND SHELF LIFE

Shelf life is up to 12 months when stored under cover, out of direct sunlight and protected from extremes of temperature.

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HEALTH AND SAFETY

Read and follow all caution statements and on the MSDS for this product. Employ good workmanlike safety precautions. Wear protective clothing, gloves and eye protection.

VENTILATION

When used as a tank lining or in enclosed areas through air circulation must be used during and after application until the application is cured. In addition to ensuring proper ventilation, appropriate respirators must be used by all application personnel. Treat splashes to eyes and skin immediately. If accidentally ingested, seek immediate medical attention. Keep away from children and animals. Reseal containers after use.

QUALITY AND CARE

All products originating from Master Builders Solutions Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001 and ISO 14001.

* Properties listed are based on laboratory controlled tests.

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STATEMENT OF RESPONSIBILITY

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NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by Master Builders Solutions either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not Master Builders Solutions, are responsible for carrying out procedures appropriate to a specific application.

Master Builders Solutions
Construction Chemicals LLC
P.O. Box 37127, Dubai, UAE
Tel: +971 4 8090800
www.master-builders-solutions.com/en-ae

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