

# MasterProtect<sup>®</sup> P 659

## Amine-cured epoxy

### DESCRIPTION

A deep penetrating epoxy primer. For use with **MasterProtect** Protective Coating systems

### 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

### COLOUR

White

### SOLIDS CONTENT

By Volume: 54%

### THEORETICAL COVERAGE RATES

150-300g/m<sup>2</sup>

### VOC VALUES

380g/Lt

### IMMERSION TEMPERATURE RESISTANCE

Immersion temperature resistance is dependent upon exposure. Please consult BASF Technical Service for specific information.

### LIMITATIONS

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

### 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.

### PERFORMANCE DATA\*

Mixed density	Approx. 1.33 kg/Lt
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

### APPLICATION

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

### PACKAGING

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

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### STORAGE

Up to 12 months when stored under cover, out of direct sunlight and protected from extremes of temperature.

### WATCHPOINT

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

### HEALTH AND SAFETY CLEANUP

Use **MasterTop THN 2** in case of spillage, absorb and dispose of in accordance with local applicable regulations.

### 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.

### NOTE

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

### QUALITY AND CARE

All products originating from BASF's 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, ISO 14001 and OHSAS 18001.

\* Properties listed are based on laboratory controlled tests.

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® = registered trademark of MBCC Group in many countries

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