



The Chemical Company

# MASTERSEAL<sup>®</sup> P1801

Novolac amine-cured epoxy

## DESCRIPTION

A deep penetrating novolac epoxy primer. For use on concrete with **Masterseal 1800** series novolac protective coating systems.

## RECOMMENDED FOR

**Masterseal P1801** is applied to cementitious substrates where a strong tenacious bond is required.

## FEATURES AND BENEFITS

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

## TECHNICAL DATA

Colour	White
Solids content	75% by volume
VOC	247 g/Lt
Theoretical coverage rate	155 – 310 g/m <sup>2</sup>
Mixed density	1.15 kg/Lt (approx.)
Pot life	
• 25 °C	2.5 h
• 40 °C	1.5 h
Tack free time	
• 25 °C	1 h
• 40 °C	45 minutes
Tack free time	
• 25 °C	3 h
• 40 °C	2 h

## IMMERSION TEMPERATURE RESISTANCE

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

## LIMITATIONS

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

## APPLICATION

### 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.

#### Mixing

The total contents of the **Masterseal P1801** reactor component shall be poured into the **Masterseal P1801** base component and mixed as per Table 2, but shall continue until a uniform colour is achieved. Full packs only shall be mixed.

#### Application

**Masterseal P1801** may be applied by airless spray, brush or roller. Please refer to our latest Method Statement for detailed application instructions.

## PACKAGE

**Masterseal P1801** is supplied in 4.610 kg (4 Lt) units.

## 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

## CLEAN UP

Use acetone in case of spillage, absorb and dispose of in accordance with local applicable regulations.

## PRECAUTIONS

#### 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. Mixed material should be sprayed or poured out into trays and brushed or rolled before the pot-life of the material. Do not leave mixed quantities beyond 300grams or 200ml to sit for prolonged time or exposed to high temperatures as this can cause exothermic reaction to occur and excessive smoking. If smoking of the product should occur, quickly fill it with sand and remove it to a well ventilated area. Do not breathe in the smoke. Reseal containers after use. For further information, refer to material safety data sheet.

#### 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



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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.

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF Construction Chemicals** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use. **BASF Construction Chemicals data sheets are updated on a regular basis and it is the user's responsibility to obtain the most recent issue.**

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## NOTE

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

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