



Mapeclean Defender

Protective anti-encrustation liquid

DESCRIPTION OF THE PRODUCT

Mapeclean Defender is a product developed to limit adhesion of fresh cementitious material to the drum and other metal components in concrete trucks and mixers.

WHERE TO USE

When **Mapeclean Defender** is applied on metal components it forms a water-resistant, protective coating that temporarily prevents cement adhering to the metal, so that it can be removed immediately by simply washing it off with water.

TECHNICAL CHARACTERISTICS

Mapeclean Defender is a liquid containing no acids or detergents that forms a highly efficient, non-stick barrier against cementitious material such as concrete, mortar and cement-based slurry.

RECOMMENDATIONS

The following simple precautions must be taken when using **Mapeclean Defender**:

- apply on metallic components only;
- do not apply on non-metallic parts of bodywork, windscreens, tyres or rear-view mirrors;
- do not apply **Mapeclean Defender** on wet surfaces.

HOW TO USE

Apply **Mapeclean Defender** at the end of the day on clean, dry or slightly damp metal parts; make sure it is applied evenly. If there are already cementitious

encrustations, clean them off before applying the product.

The protective coating prevents cementitious products adhering to metal. Mixers should always be thoroughly rinsed during the day after each load. At the end of each day, clean mixers thoroughly with a medium pressure hose.

Mapeclean Defender may be applied by brush, with a roller or with a low pressure hose with a spray attachment.

Repeat this treatment 2 or 3 times every week or as and when required.

CONSUMPTION

Approximately 50 g per square metre of metal.

PACKAGING

Mapeclean Defender is available in 23 kg canisters and 200 litre drums.

STORAGE

Mapeclean Defender may be stored for 12 months in dry areas away from direct sunlight and damp.

SAFETY INSTRUCTIONS FOR PREPARATION AND APPLICATION

Mapeclean Defender is not considered hazardous according to current norms and guidelines regarding the classification of mixtures. However, we recommend using protective gloves and goggles, and to take the usual precautions for handling chemical products.

TECHNICAL DATA (typical values)	
PRODUCT IDENTITY	
Consistency:	liquid
Colour:	amber
Density according to ISO 758 (g/cm ³):	0.87 ± 0.01 at +20°C
Main action:	prevents cementitious material adhering to metal
Water-soluble chloride content according to EN 480-10 (%):	< 0.1

For further and complete information about the safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT FOR PROFESSIONAL USE.

WARNING

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is

suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

All relevant references for the product are available upon request and from www.mapei.com



BUILDING THE FUTURE