

CURING COMPOUND

GENERAL PURPOSE CURING COMPOUND

PRODUCT DESCRIPTION

OPTIMIX CURING COMPOUND is a high quality pre-mixed and ready-to-use liquid polymer dispersion designed to enhance the curing of cementitious materials.

One coat will improve the curing and is compatible with most subsequent layers of construction. Additional layers can achieve high level of curing efficiency as required.

Safe to handle, easy to use and compatible with most **OPTIMIX** materials and common paints.



TYPICAL USAGE

- Interior and exterior materials
- Suitable for fresh and recently placed materials
- Ready to use straight from the pail
- Brush, roller or spray application

FEATURES AND BENEFITS

- Consistent Quality
- Good Moisture Retention
- Multiple Coats to Improve Performance
- Easy to Use
- Non-yellowing
- Improved Surface Hydration of Cement
- Improved Cracking and Shrinkage
- Water-based
- Low Viscosity
- Low VOC



TECHNICAL DATA

Product Characteristics [1)]

	OPTIMIX CURING COMPOUND		
	1 coat	2 coats	3 coats
ISAT @ 24hrs @ 60 mins	~ 0.03 ml/m^2/s	~ 0.02 ml/m^2/s	~ 0.01 ml/m^2/s
Curing Efficiency BS 7542:1992 (modified[2)])	~ 50 %	~ 65 %	~ 75 %
Subsequent Tensile Bond • After 28 days sunlight and weathering • Application of Procrete bond coat • Isolated tensile bond test after 7 days	~ 2.5 MPa	~ 2.0 MPa	~ 2.0 MPa

Packaging & Yield [3)]

Coverage [4)]	0.1 – 0.2 L/m^2
Packing Size	20 kg per pail
Shelf Life	12 months



Composition

Colour	Milky White
Components	Proprietary Polymer Dispersion

Environmental Data

Volatile Organic Compounds (VOC) for Multi-Purpose Construction Adhesives	< 70 g/L
Potential BEAM points	Product is manufactured within 800km of Hong Kong project sites

Notes

1) The results given here are typical laboratory results. Determined performance can vary slightly due to variations in equipment, users, substrates, ambient conditions etc.
2) In-house modification from the standard utilizing Optimix F12 screed
3) These are approximate figures and take no account of wastage.
4) Coverage is based on application onto normal green concrete with steel trowel finish.



INSTALLATION GUIDE

(Refer to Method Statement for more details)

SURFACE PREPARATION

OPTIMIX CURING COMPOUND can be applied onto all reasonably firm cementitious substrates once they are free from standing water and sufficiently hardened to avoid damaging the surface during the installation process.

MIXING

OPTIMIX CURING COMPOUND is supplied ready-to-use. It requires no dilution or mixing but may benefit from a brief shaking of the bottle, if it has been left undisturbed for several weeks.

APPLICATION

OPTIMIX CURING COMPOUND can be applied by brush, roller or spray taking care not to damage the surface of green materials.

Allow the material to dry completely to the touch before applying subsequent layers if required.

FINISHING AND CURING

Depending on the type and condition of the substrate the first layer of ***OPTIMIX CURING COMPOUND*** will usually be somewhat absorbed leading to a slightly satin appearance once dry.

Subsequent layers will increase the thickness of the polymer layer and thus increase the performance of the curing membrane. The additional layers may also cause the surface finish to become increasingly glossy and may potentially lead to a crazed appearance.

LIMITATIONS

OPTIMIX CURING COMPOUND is a surface treatment and may cause changes in the appearance of decorative or coloured finishes. Trials must be carried out in advance to ensure that the result is satisfactory before undertaking large scale works.

OPTIMIX CURING COMPOUND is compatible with most common cementitious materials and can receive most general coatings and finishes, however trials must be carried out to ensure that the curing compound does not interfere with the bonding and that the result is entirely satisfactory.

If needed ***OPTIMIX CURING COMPOUND*** may be removed mechanically with a wire brush, sanding, shot-blasting, scabbling or other mechanical surface preparation in preparation for receiving subsequent construction.

HEALTH AND SAFETY

OPTIMIX CURING COMPOUND is non-toxic and non-flammable but it can cause irritations to persons with sensitive skin. Avoid contact with skin and eyes. Wear suitable protective gloves and masks while handling the product. If contact with eyes, rinse immediately with plenty of clean water and seek medical advice.

STORAGE

Store in closed containers, in a dry place and protect from direct sunlight. Do not store at a storage temperature below 5°C. Failure to comply with the recommended storage conditions may result in premature deterioration of the product.



Important Note: The information contained herein is, the best of our knowledge, true and reliable and is supported by the present state of our knowledge. No warranty is given or implied in connection with any recommendations or suggestions made by us or our representatives as the conditions of use and any labour involved are beyond our control.

OPTIMIX®
奧迪美®

OPTIMIX (HONG KONG) LIMITED
20/F, SUP Tower, 75-83 King's Road, North Point, Hong Kong
(852)2395 5388 (852)2802 6433
(852)2802 6408 www.optimix.com.hk