

ROCKMAX[®] TOP (OH)

ONE PART LIGHTWEIGHT CEMENT REPAIR MORTAR
FOR OVERHEAD APPLICATION



INTRODUCTION

Rockmax TOP (OH) is one part lightweight polymer modified fiber reinforced cementitious repair mortar. The material is suitable to use with vertical and overhead repair areas. Its provide high strength concrete with and include high bonding strength to the existing substrate.

AREA OF USES

Rockmax TOP (OH) is designed for repair damaged concrete for both vertical and overhead applications.

ADVANTAGES

- High strength materials.
- Excellent bonding.
- Design for overhead application.
- Non shrinkage.
- Non-sag.
- Easy to use similar to mortar.

TECHNICAL PROPERTIES

Form:	Cement
Color:	Grey
Density (mix):	1.4-1.5 kg/litre
Compressive strength:	>35 N/mm ²
Flexural strength:	>4.5 N/mm ²
Bond strength:	>1.5 N/mm ²
Pot life (30°C):	40 minute
Drying time (30°C):	120 minute
Full cure (30°C):	28 days
Thickness per layer:	up to 30mm
Mix with water:	5.25 L water/25kg bag
Working temperature:	+5°C to +45°C degree

PREPARATION

Concrete substrate must be clean and free from oil, grease, dust, particles, mould oil, curing compound. Concrete substrate must be at least 28 days old and include compressive strength of 25Mpa. Shape concrete by grinder machine to receive thicken layer (approximate 10mm thick). All edge must be shape until receive smooth and sound concrete substrate. Soak water until concrete saturated. Bonding agent should be applied to increase bonding strength.



MIXING

Mixer must use low speed drill mixer (500 rpm) with and including good quality steel paddle. Make sure all tools and equipments are in good conditions and clean. Measure 5.25litre for 25kg bag of **Rockmax TOP (OH)**. Add material slowly into water while mixing. Mix continuous for approximate 3 minute until homogeneous. Adjust water if the mortar is not workability.

APPLICATION

For overhead application, Use steel trowel patch repair mortar to prepared substrate. Working wet on wet with bonding agent (epoxy bonding agent is required). Apply only 10-15mm per layer. Build up next layer if required. Finishing by steel trowel on top of surface. Do not mix with Portland cement.

CURING

Curing by spray water or wrap with plastic sheet for prevent drying up of mortar. Curing the repair area approximate 5-7 days after finished application.

CLEANING

Clean all tools and equipment immediately after application with water.

LIMITATIONS

- Repair on overhead/vertical must be use epoxy bonding agent or consult Rockmax for further advice.
- Do not mix with Portland cement.

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PACKAGING

25kg bag.

STORAGE

Storage in shade and dry condition Avoid from frost, water, moisture and high temperature.

SHELF LIFE

12 months if kept follow instructions.

PRECAUTIONS

Avoid contact with skin and eye. Goggle and glove must be use while application. Standard safety precautions must be followed. Clean with plenty of water when contact with mortar and see doctor as quick as possible. MSDS is available upon request.

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IMPORTANT NOTE!!

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