

ROCKMAX[®] PADDING MORTAR



PADDING CEMENT MORTAR FOR BEDDING & LEVELLING STEEL BASE PLATE BEFORE GROUTING

INTRODUCTION

Rockmax Padding Mortar is a cementitious mortar use for bedding steel base plate before grouting. The material has high early strength for faster the installation process,

AREA OF USES

Rockmax Padding Mortar can be used for bedding and leveling of machine steel base plate before grouting.

ADVANTAGES

- High early compressive strength.
- Fast setting time.
- No shrinkage.
- Easy to use.
- Chloride free.

TECHNICAL PROPERTIES

Form: Cement powder

Color: Grey

Pot life (at 30°C): 60 minute

Amount of water (per 25kg) : 3.00-3.25kg

Compressive strength: approximate
(Water content 12-13%)

6 hours:	10 N/mm ²
12 hours:	26 N/mm ²
1 days:	40 N/mm ²
3 days:	55 N/mm ²
7 days:	60 N/mm ²
28 days:	70 N/mm ²

Consumption: 2000 kg per m³ of mortar

Application Temperature: +5 to +40°C degree

Thickness per layer: 10mm - 150mm

PREPARATION

Chip the surface of substrate at minimum 20mm in depth and 100mm wider than steel plate. Concrete substrate must be clean, free from oil, grease, mould oil, dust and loose particles. Steel plate must be clean and no rust. Ensure there is no crack on concrete surface. Saturated concrete surface with clean water at least 2-4 hours prior pour grout. No standing water.

FORMWORK:

Formwork must be tight and seal to protect water leakage.

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 3.00 litre of clean water (12%). Temperature of water is approximate 15°C – 30°C degree. Powder must be added to the clean water slowly and continuous mixing for approximate 3 minute (max 4 minute). Mix all material of padding mortar in one bag per time. No partial mix.

APPLICATION

Pour the material to the prepare surface. Compact material with rubber hammer to ensure there is no trap air or void. Check the level of the mortar as per design gap. Place the steel place on top of padding mortar. Ensure that the steel base plate is wetting before placing to increase bonding between steel plate and mortar.

CURING

Keep grout surface moist to prevent rapid drying. Use plastic sheet to wrap around grouting area. Curing compound should be use to avoid shrinkage crack.

CLEANING

Clean all tools and equipments immediately with water.

PACKAGING

25kg bag.

STORAGE

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

SHELF LIFE

12 months if kept follow instructions.

PRECAUTIONS

Avoid contact with skin and eye as **Rockmax Padding Mortar** is cement base contain Alkaline. Goggle and glove must be use while application. Clean with plenty of water when contact with grout and see doctor as quick as possible. MSDS is available upon request.

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IMPORTANT NOTE!!

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