

# ROCKMAX® PROOF H2



## FLEXIBLE CEMENTITIOUS WATERPROOF COATING

### INTRODUCTION

**Rockmax Proof H2** is two components polymer modified flexible cementitious waterproof coating. The cured material provides good flexibility, waterproofing and excellent adhesion to concrete and masonry substrate.

### AREA OF USES

- Bathrooms, toilets, kitchens
- Swimming pools
- Ponds and fountains.
- Wet areas.
- Water tanks.
- Underground walls.
- Retaining walls.
- Terraces and balconies.

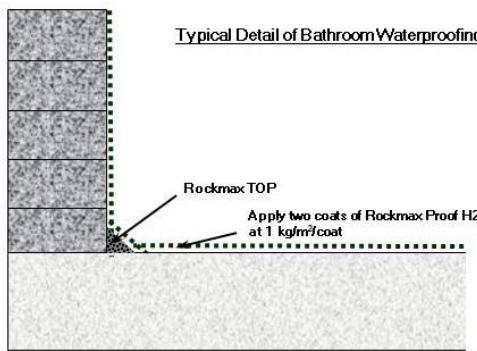
### ADVANTAGES

- Good flexibility.
- Good elongation.
- Good adhesion.
- Easy application.
- Can apply on damp surface.
- Non toxic.
- Can apply on masonry.
- Can apply on rough surface.

### TECHNICAL PROPERTIES

Color:	dark grey
Chemical base:	polymer with cement
Mix ratio: A:B	4:1 (by weight)
Elongation at break:	approx 50%
Compressive strength:	30-35 N/mm <sup>2</sup>
Tensile strength:	3.00 N/mm <sup>2</sup>
Bond strength to concrete:	1.5-2 N/mm <sup>2</sup>
Pot life (30°C):	30-45min
Recoating (30°C):	2-3 hours
Full cure (30°C):	72 hours
Application temp:	+5 to +45°C

### TYPICAL DETAIL



### PREPARATION

Concrete substrate must be sound, clean, free from oil, grease, mould oil, dust, loose particles and cement paste. Ensure the surface is dry and free from water saturated. Check and investigate void, honeycomb, or crack on concrete substrate. All damaged must be repair prior to application.

Special render mortar or special masonry must be check bond strength of **Rockmax Proof H2** to ensure achieve the require strength. Saturated the surface with water at least 2-3 hours prior to application.

### 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. Add **Rockmax Proof H2** part A (powder) into part B (Liquid) slowly while continue mixing. Mix approximate 3 minute until homogeneous. Do not add more water to re-work.

### CONSUMPTION RATE

Coverage rate: 1.0 - 1.2 kg/m<sup>2</sup>/coat  
Number of coat: 2 coats (minimum)

### APPLICATION

Apply **Rockmax Proof H2** by plastic brush or roller on prepared surface with approximate 0.5-1.0mm per coat. Allow the first coat to dry approximate 2-4 hours and follow with second coat. Apply second coat in crossing direction with first coat. Allow second coat to dry at 2-3 hours. Make sure the surface dry up before spray water.



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### CURING

Allow **Rockmax Proof H2** curing by spray clean water with approximate 2-3 days after dry and 3 times a day at minimum. Keep **Rockmax Proof H2** moist to prevent rapid drying up.

### CLEANING

Clean all tools and equipments immediately with water.

### LIMITATIONS

- **Rockmax Proof H2** must be mix with properly equipment. Do not mix by hand.
- Do not add additional water to rework.

### PACKAGING

25kg set.

part A: 20 kg ; part B: 5 kg

### STORAGE

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

### SHELF LIFE

12 months unopen package and kept follow instructions.

### PRECAUTIONS

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

### CONTACT DETAIL

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### *IMPORTANTS NOTE!!*

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