

ROCKMAX[®] JOINTSEAL (COLD)

COLD APPLIED ELASTOMERIC CONCRETE JOINT SEALANT



INTRODUCTION

Rockmax Jointseal (cold) is a cold applied rubberized bitumen joint sealant. It can be used for joint sealing, crack sealing, water plug. It can be easily fill by hand for installation. The material has very good adhesion and bonding even moist substrate. Cured material can withstand water and immerse in water without de-bonding.

AREA OF USES

- Horizontal concrete joint for road, bridge, highway.
- Joint in Dam.
- Horizontal & Vertical joint for concrete slab.
- Horizontal joint for industrial roads.
- Fill void in road or slab.
- Water plug.
- Fill gap to prevent water leakage.

ADVANTAGES

- High elastomeric.
- Easy to use by hand. No melting.
- Horizontal and vertical joint application.
- Good adhesion and bonding.
- Can apply on moist joint surface.

TECHNICAL PROPERTIES

Appearance:	black stiff compound
Specific Gravity (30°C):	approx 1.70
Application temperature:	0°C – 45°C
Services temperature:	0°C – 60°C
Penetration at 25°C: (ASTM D-217)	<100 mm
Flow at 60°C at 5 hours: (ASTM D-1190)	<5 mm
Drying time to concrete:	10-15 min
Touch dry (30°C):	24 hours
Full cure (30°C):	7 days
Bonding to Concrete:	Pass
Water resistance:	Pass

PREPARATION

Concrete joint must be clean and dry free from oil, dust, particles. The concrete joint must be at minimum 28 days and minimum compressive strength at 25N/mm².

APPLICATION

Use hand to mold the material according the joint width and depth. Fill the material inside the joint with press in firmly. Wait the material

to initial cure by 10-15 minute. In case of moist surface the initial cure could be up to 30 minute. Protect the materials from rain and water for 24 hours.

CLEANING

Clean all tools and equipments immediately with kerosene or mineral turpentine.

COVERAGE RATE

Joint size W x D (mm)	Consumption (Kg/ meter)
10 x 10	0.17
12 x 10	0.21
15 x 10	0.26
20 x 10	0.34
15 x 15	0.38
20 x 15	0.51
25 x 15	0.64
20 x 20	0.68
25 x 20	0.85
30 x 20	1.02

PACKAGING

25kg Carton.

STORAGE

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

SHELF LIFE

12 months if kept follow instructions.

PRECAUTIONS

In case of fire use dry chemical extinguisher or carbondioxide or sand. Do not use water. If material contact to skin use cold water to wash off and see doctor immediately. Avoid contact with skin and eye. Goggle and glove must be use while application. Standard safety precaution must be followed.

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