

ROCKMAX[®] JOINTSEAL

HOT APPLIED ELASTOMERIC CONCRETE JOINT SEALANT



INTRODUCTION

Rockmax Jointseal is hot applied joint sealant. It composed of synthetic rubber, resin, additive, asphalt and selected grade filler. Excellent properties for horizontal concrete joint especially road, highway and bridge joints.

AREA OF USES

- Horizontal joint for road, bridge, highway.
- Joint in Dam.
- Horizontal joint for concrete slab.
- Horizontal joint for industrial slab.
- Fill void in road or slab.

ADVANTAGES

- High elastomeric.
- Excellent temperature resistance.
- Resistance in sunlight.
- Good adhesion and bonding.
- Chemical resistance.

TECHNICAL PROPERTIES

Specific Gravity: 1.31

Flash point: >250°C degree

Safe heating temperature: > 170°C degree

Pour point: 140-150°C degree

Cone penetration (25C, 150g, 5s, 0.1mm): 40

Flow (60C, 5 h, incline 75, mm): 0.0

Bond strength: pass

PREPARATION

Concrete joint must be clean and dry free from oil, dust, particles. It is recommended to apply Roxkmax Joint Primer to achieve good bonding.

Melt **Rockmax Jointseal** together with the wrap plastic in an oil jacket melter. Control oil temperature not higher than 240°C and control sealant temperature not higher than 170°C. Make sure sealant is homogeneous and ready to pour.

APPLICATION

Pour **Rockmax Jointseal** immediately after melt. Working with in 2 - 3 hours. Setting time is approximate 4 to 5 hours before open to traffic.

CLEANING

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

COVERAGE RATE

| Joint Depth (mm) | 5 | 10 | 15 | 20 | 25 | 30 | 40 | 50 |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 5 | 0.035 | | | | | | | |
| 10 | 0.070 | 0.140 | | | | | | |
| 15 | 0.105 | 0.210 | 0.315 | | | | | |
| 20 | 0.140 | 0.280 | 0.420 | 0.560 | | | | |
| 25 | 0.175 | 0.350 | 0.525 | 0.700 | 0.875 | | | |
| 30 | 0.210 | 0.420 | 0.630 | 0.840 | 1.050 | 1.260 | | |
| 40 | 0.280 | 0.560 | 0.840 | 1.120 | 1.400 | 1.680 | 2.240 | |
| 50 | 0.350 | 0.700 | 1.050 | 1.400 | 1.750 | 2.100 | 2.800 | 3.500 |

Average consumption in kg for one linear meter length of joint

LIMITATIONS

- Do not allow water to contact with molten sealant.

PACKAGING

15kg 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 molten material contact to skin use cold water and see doctor immediately. Avoid contact with skin and eye. Goggle and glove must be use while application. Standard safety precaution must be followed.

CONTACT DETAIL

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IMPORTANT NOTE!!

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