

DESCRIPTION

JOINT SEALANT COMPOUND (JSC) displays good adhesion towards concrete and has ability to withstand extension without cracking. It also has a low susceptibility to flow during hot weather conditions. It is durable, and at the same time offers resistance to ingress of solid foreign matter. Joint Sealant Compound is asphalt based, Mastic applied hot for filling horizontal joints in concrete and pavements. JSC is used in Sealing Construction, Expansion Joints, Runways, Taxiways.



USES:

- Excellent and permanent sealing to the concrete and pavement joints.
- Does not flow from the joints or be picked up by vehicles tyres at summer temperature.
- Suitable for completely filling the joints without the inclusion of large air holes or discontinuities and does not cause damage to the material.
- Capable of effectively sealing joints in concrete against the infiltration of moisture and foreign material throughout repeated cycle of expansion and construction due to change in temperature.
- Can be used without Primer.

PREPARATION OF SURFACE:

The joint faces where adhesion is critical must be dry, free from dust, dirt, cement laitance and any loose material for the effective performance of the sealant. The joint should be thoroughly cleaned with wire brushing and then blow with air.

METHOD OF APPLICATION:

JSC should be heated in an oil jacketed melter pourer equipped with stirrer and thermometer up to 140° C to 160° C until the entire compound becomes liquid. Avoid overheating or prolong heating. Pour the sealant between the prepared joints slightly above the joint.

COLOR: Dark Black

STORAGE

Store in dry and shaded area in open space, the container lid should be kept close after use.

PACKING

JOINT SEALANT COMPOUND is available in 15kg pail & 200 kg drum.



SPECIFICATION:

Joint Sealant Compound meets the specification of American Society for Testing and materials ASTM D-119-64

TECHNICAL INFORMATION:

Description	Units	Values
Softening point	°C	90-110
Specific gravity	-	1.21
Flash point	°C	>250
Penetration	25 °C, 5s, 0.1 mm	30-40
Density	Kg/L	1.21
Safe heating temperature	°C	< 160 °C

All the values are subject to 5 - 10% tolerance.

COVERAGE RATE:

Joint size (mm)	Kgs per meter run	Meter run per kg
10 × 10	0.12	8.33
13 × 13	0.20	5.00
15 × 15	0.26	3.85
20 × 15	0.36	2.78
20 × 20	0.48	2.08
25 × 20	0.60	1.67
25 × 25	0.75	1.33
30 × 30	1.08	0.93

Consider 5% Wastage in coverage rate.



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