



MAK SEALING COMPOUND

Bituminous sealing compound for joints

Description

A Joint Sealing Compound must display good adhesion towards concrete and has the ability to withstand extension without cracking. It must also have a low susceptibility to flow during hot weather conditions. It should be durable and plastic, and at the same time offer resistance to ingress of solid foreign matter. The Joint Sealing Compound is heated to temperature which will permit easy pouring into the expansion joint above the joint filler. This temperature should be well below that at which Joint Sealing Compound undergoes decomposition and should not exceed temperature as specified against each grade of sealing compound.

MAK SEALING COMPOUND: GRADE A- IS 1834/1984.

It is an ideal hot pour Sealing Compound specially rubberised to withstand cracking besides having good adhesion to concrete it is also durable and is not affected by temperature changes. It has working temperature of 175°C - 185°C and a density of 1020 kg per cubic metre.

MAK SEALING COMPOUND: GRADE B - IS 1834/1984.

It is unaffected by petrol spillage especially jet fuel. It is therefore recommended for use in garages, filling stations etc., where there is spillage of petrol, oil and grease. It has a working temperature of 155°C- 165°C and a density of 1200 kg per cubic metre. On application of this product Mak Jet Primer is to be applied by brush or spray to ensure for proper adhesion. Care should be taken to see that Primer has sufficiently dried prior to pouring of Mak Sealing Compound into the Joint.

Usage of Sealing Compound and Primer

◆ **MAK PRIMER:** The consumption, for 25mm depth of joint would be one litre for 80 running metre length.

◆ **MAK SEALING COMPOUND GR- 'A' IS: 1834- 1984- ISI MARKED**

The quantity of Joint Sealing Compound required per 100 metre of running joint per 25mm depth with various thickness in kilos is indicated below:

9.5mm thickness	30kg
12.0mm thickness	40kg
18.0mm thickness	60kg
25.0mm thickness	80kg

◆ **MAK SEALING COMPOUND GR- 'B' IS: 1834- 1984- ISI MARKED**

The quantity of Joint Sealing Compound required per 100 metre of running joint per 25mm depth with various thickness in kilos is indicated below:

9.5 mm thickness	35kg
12.0 mm thickness	48kg
18.0 mm thickness	70kg
25.0 mm thickness	95kg

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Features

- ◆ Hot applied sealant.
- ◆ Rubberised asphalt to prevent cracking.
- ◆ Good adhesion to concrete.
- ◆ Not affected by temperature changes.

Instructions for Sealing of Joints

- ◆ Every possible precaution should be taken to ensure that the joints are clean and free from debris and other foreign matter at the time of laying and during the curing process.
- ◆ The primer is applied cold either by a spraying machine or by brush. Primers are inflammable and should not be placed near a named flame.
- ◆ The Sealing Compound should be heated to the working temperature in a suitable heated, and transferred to a 'melter – pourer' of suitable design, if available for pouring.

Storage & Shelf Life

Store under cover out of direct sunlight and protect from extremes of temperature. In tropical climates the product must be stored in an air -conditioned environment. Shelf life is at least 12 months when stored between 5°C and 35°C.

Construction and Contraction Joints

In concrete pavements and runways, it is normal practice to provide butt joints with sealing groove 19mm in width at the top in order to facilitate the placing of the concrete.

Dummy Joints

They are provided at regular intervals to control the cracking of concrete which results from the construction of concrete on setting. Normally 19mm width joints extending to depth equal to one third the slab thickness , are provided.

Packaging

Mak Sealing Compounds are available in 20kg, 25kg & 200kg capacity drums.

Disclaimer

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

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