



## **ROADCARE Instant Asphalt Patch Technical Data Sheet**

**Manufactured by: SKY for Building and Construction, Eastern Industrial**

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### **Product Description:**

ROADCARE Instant Asphalt Patch is a high performance asphalt mix that is used to repair potholes on asphalt or concrete surfaces. ROADCARE mix does not require special equipment to use, easy to use, workable and sets up immediately after patching.

### **Applications:**

Highways (asphalt or concrete), Runways/Taxiways/Aprons, Bridge Decks, Manhole repairs, Potholes, Utility Cuts, Parking Lots, Driveways, Tennis Courts, Pathways

### **Performance Features:**

ROADCARE Instant Asphalt Patch is the ideal solution for pavement potholes. ROADCARE mix does not require heating and can be used immediately from the bag. ROADCARE mix is strong and durable, it saves time and money and it allows the traffic to drive on the patched section immediately after patching.

### **Material Specifications:**

ROADCARE Mix has a specific gravity that does not exceed 3.0. The gradation of the aggregates used in the mix can be **approximately** summarized as shown in the following table.

ROADCARE mix contains asphalt binder modified using special additives that allows the mix to be used at any temperature and that allows it to stay workable for a long period of time.

**ROADCARE bags must be used within 4 months from the date of manufacturing.**

<b>Aggregate Gradation Limits for the Virgin Mix</b>	
<b>SIEVE SIZES</b>	<b>%PASSING</b>
3/4"	100
1/2"	90-100
No. 4	45-70
No. 8	25-55
No. 50	5-20
No. 200	2-9
Theoretical asphalt content, % dry aggregate	5-13
Approx. application rate (bags per square meter)	2-4

### **Directions for Use:**

Prepare the pothole area by **saw cutting straight edges** and clean it of dust and stones carefully before using ROADCARE mix. Saw cutting the edges prevents the loose material at the edges from running off from water.

Once you pour ROADCARE mix into the pothole, allow 2-3 cm extra height for compaction and it is also recommended to leave 2-3 cm extra height after compaction (crown shaped) at the surface as well.

Use a hand tamper or a small roller compactor to compact ROADCARE mix at 3-5 cm layers.

### **Important Notes:**

- **Drive over the patch to set.**
- **It is recommended to compact the mix using a small roller compactor for a better quality**
- **Keep ROADCARE mix bag closed unless used.**
- **Do not use ROADCARE mix while it is raining and allow at least 2 days before rainy weather in order to allow the mix to harden enough and avoid running off the material from water.**
- **ROADCARE mix does not require a prime coat before using for thicknesses greater than 3 cm, if the thickness of the pothole or the patch is less than 3 cm, it is recommended to apply a prime coat before using.**

If ROADCARE bag becomes stiff to use, try to loosen the material while it is inside the bag before using or use a shovel to loosen the material before use.

Use hand gloves and avoid touching the material by hand as possible. It is recommended to use respirators once using this material as well.

### **Storage and Handling:**

ROADCARE bag contains about 22 kg of the material.

ROADCARE economy size bag contains about 1.0 ton of the material.

ROADCARE bulk quantities can be also sold by tons of the material.

Store indoor in cool and dry conditions.

Avoid direct sun exposure and avoid temperatures below 0°C (32°F).

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