

## PRODUCT DATA SHEET

# Cromar® Oxidised Bitumen Slab 95/25

A hot-applied, high softening point bonding bitumen.

### PRODUCT DESCRIPTION

Cromar® Oxidised Bitumen Slab 95/25 is a bitumen produced by air blowing of penetration grade bitumen, at high temperature, resulting in a material of a much higher penetration index. This product, utilised in the industrial sector, exhibits a much reduced temperature susceptibility when compared to paving grade bitumen's and exhibits a more 'solid' nature at ambient temperatures.

### USES

Suitable for a wide variety of roofing and industrial hot-applied applications:

- Bonding traditional roofing membranes/felts.
- Waterproofing layers in flat roof systems.
- Reinforcing bituminous membrane systems.
- Filling/smoothing indentations on flat roofs before GRP or overlay systems.
- Hot-melt applications and industrial sealing.

### PRODUCT INFORMATION

<b>Packaging</b>	Plastic sleeved 23 kg slabs.
<b>Shelf Life</b>	Indefinite when stored correctly. For stock control purposes, Sika recommends using material within 5 years of manufacture.
<b>Storage Conditions</b>	<ul style="list-style-type: none"> <li>▪ Store in cool, dry, well-ventilated areas</li> <li>▪ Keep away from ignition sources and naked flames</li> </ul>

### VALUE BASE

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

### USES

It is not recommended for flexible pavement applica-

### CHARACTERISTICS / ADVANTAGES

- High penetration index for strong, durable bonding.
- Reduced temperature susceptibility vs paving grade bitumen.
- More solid/stable at ambient temperatures.
- Consistent melting behaviour for hot-applied systems.
- Supplied as easy-to-handle 23 kg blocks/slabs.

tions or cold-applied systems.

### ECOLOGY, HEALTH AND SAFETY

REGULATION (EC) NO 1907/2006 - REACH: This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable condi-

tions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

## APPLICATION INSTRUCTIONS

### SUBSTRATE PREPARATION

- Ensure all surfaces are dry, clean and free from loose particles, formwork residue, curing compounds, slurry or contaminants before application.
- Confirm the work area is well-ventilated and clear of ignition sources.

### APPLICATION

#### Heating

- Heat the oxidised bitumen in a portable bitumen pot/vat until molten; blocks must be hot<sup>2</sup> applied and cannot be used cold.
- Follow recommended heating temperatures:
  - Pumping temperature: ~170 °C
  - Mixing/coating temperature: ~230 °C
  - Maximum safe handling temperature: 205–215 °C
- Do not overheat above 230 °C, as excessive heating may damage product performance and increase hazard risk.

#### Application

- Apply molten bitumen directly onto the prepared surface using a ladle, mop, pour-and-roll method, or trowel depending on the roofing system.
- Spread evenly to create a continuous bonding layer for roofing membranes or reinforcement layers.
- Use the hot bitumen to fill indentations or surface irregularities on flat roofs prior to applying GRP or other overlays.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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