

# SABIT ROOF CEMENT

## Cold Applied Bitumen Plastic Cement

### Introduction

**SABIT ROOF CEMENT** is an asphalt-based putty, formulated with volatile petroleum solvent, mineral stabilizers excluding asbestos and mixed to a smooth and uniform consistency suitable for trowel application. It complies with ASTM D 4586 Type II.

### Uses and Application

**SABIT ROOF CEMENT** is used in roof repairs, built-up roofing (BUR) systems where small, detailed work, such as up-stand flashings to parapets, pipes, and A/C mountings which would be difficult to install using, hot bitumen. To avoid the possibility of up-stands slipping while the cement dries, it is advisable to use mechanical fastening.

Before applying **SABIT ROOF CEMENT**, the surface must be clean and free from moisture, oil, grease and any other foreign matters. It should be primed with **SABIT PRIMER D-41**. The primer should be allowed to dry completely before applying **SABIT ROOF CEMENT**. It should be thoroughly stirred by mechanical means before use. It can be applied by trowel or scraper.

### Coverage

Approximate coverage rate is 1.0-1.2 Kg/m<sup>2</sup> (smooth surface) and 1.2-2.4 Kg/m<sup>2</sup> (rough surface), the exact rate depends on the porosity and smoothness of the prepared surface.

### Health & safety

Workers should wear protective gloves and goggles during application. Since **SABIT ROOF CEMENT** is cold applied, no special precautions are foreseen.

### Packing & Storage

**SABIT ROOF CEMENT** is packed in 200kg drums and 20kg cans. **SABIT ROOF CEMENT** should be stored in dry and shaded area in original packing. The container should be kept tightly close while working in order to prevent evaporation of solvent resulting in thickening of the material.

## TECHNICAL DATA

Ref F05-21 Issue LQD JANUARY 2020

NO	PROPERTIES		TEST METHODS
1	Workability / Consistency	Suitable for troweling smooth coating 2 to 6mm thick on prepared roofing, metal surfaces and saturated felt an ambient temperature above 10 °C	ASTM D 4586
2	Behavior at 60°C	No blistering any sag or no sliding greater than 6 mm	ASTM D 4586
3	Pliability at 0 °C	NO Cracking or separation of the cement from the metal	ASTM D 4586
4	Drying Time to Touch	4 hours	-
5	Drying Time to Touch	48 hours	-
6	Adhesion to Dry Surfaces	Excellent	ASTM D3409
7	Adhesion to Wet Surfaces	Excellent	ASTM D3409
8	Resistance to Mild Acids and Alkalis	Good	-
9	Resistance to Water	Excellent	ASTM G 53
10	Density, Kg/L	1.1-1.2	ASTM D 70
11	Non-volatile Matter, %	72-77	ASTM D 4586
12	Bitumen content, %	40 min.	ASTM D 4

### Note:

Saudi Bitumen Industries Co. Ltd.(SABIT) may modify the technical data sheet without prior notice.

