

SABIT HIGH BUILD ACRYLIC ROOF COAT

High Quality Acrylic Roof Waterproofing Coating

Introduction

SABIT High Build Acrylic Roof Coat high performance cold-applied, liquid, single-component water-proof elastomeric membrane.

Description

SABIT High Build Acrylic Roof Coat is an elastomeric cold applied non-bituminous coating. Based on special grade acrylic polymer, it is unaffected by heat and cold conditions. It conforms to highest international standards.

Uses

It functions as a reflective water proofing system which can be applied to surface of bricks concrete, asbestos, metal, plywood, roofing felt, slates and tiles. It can be used with or without reinforcement.

TECHNICAL DATA

Ref F05-21 Issue ACR JANUARY 2020

NO	PROPERTY	RESULT	TEST METHOD
1	Density Kg/L	1.25 – 1.35	ASTM D1475-16
2	Non-volatile Matter, %	60-64	ASTM D1076
3	Viscosity, cP	50,000-70,000	Brookfield Viscometer
4	Tensile Strength, N/cm ²	280-480	ASTM D412
5	Elongation @ break, %	240-440	ASTM D412
6	Hardness, Shore A	60-70	ASTM D2240
7	Curing Time, @25°C	8 hr, touch dry 24-48 hr full cure	In-house Test
8	Application Temp., °C	+5 minimum	In-house Test
9	UV Resistance, QUV	2000 hr, no serious deterioration	ASTM D822
10	Permeability	Pass	ASTM E398
11	Service Temp., °C	-5 to 100	In-house Test
12	Dry Peel Adhesion, psi	65	ASTM C297
13	Flexibility	No cracking after 1000 hr	QUV
14	Colors	White or Light Gray	-
15	Coverage Rate	Approx. 2Kg per 1-1.2mm thickness of dry film	-

Note:

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

Application

Roof and other surfaces must be thoroughly clean, dry and free from contaminates. Apply by a soft bristle brush roller, or spray. Minimum two coats are recommended for satisfactory performance. Recoating interval is 8 hours at 30°C. All expansion joints and corners should be reinforced with glass reinforcing mat or 60-80 GSM polyester between each coat. Final curing time is 48 hours.

Coverage

Application at the rate of 1m² per liter gives dry film thickness of 600-640 microns.

Storage

One year in closed containers stored under moderate temperature above 5°C below 30°C. Protect from sunlight and frost.

Cleaning

Clean with water when wet and with a proprietary hard cleaner when dry.

Packing

Available in 20Kg pails and 200Kg drums.

Health and Safety Instructions

The product is non-toxic, non-flammable and doesn't present any health hazards.

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