



**BITUMAT**  
بيتومات

*The Power to Perform*

*قوة في الأداء*



**NRCA MEMBER**



**ISO CERTIFIED**

## BITUFLASH

Plastic Cement

### DESCRIPTION

BITUMAT BITUFLASH is a high quality, trowel grade waterproofing plastic cement, formulated with select ductile asphalt cut with compatible pure petroleum solvents and compounded with strong reinforcing fibers, gelling agents, mineral stabilizers and special chemical additives.

### USES

BITUMAT BITUFLASH is ideal for all roof repairs, roof splits, cracks and holes. It is excellent for repairing flashing, to seal sky lights, line gutters, vent pipes, gravel guards and cracks in concrete. BITUMAT BITUFLASH is also recommended for bonding protection boards to dampproof course, providing an excellent flexible bond.

### OUTSTANDING FEATURES

- BITUMAT BITUFLASH exhibits high pliability and flexibility that are essential for the normal structural movements.
- It has excellent resistance to ultra violet light, heat, and the strength necessary for the demanding stress areas of the roof as well as the durability essential for the successful repair work.
- It provides a flexible bond between protection board and dampproof course, which is essential to protect dampproofing from movement of protection boards during backfilling and compaction and during structural movements or settlement.

### INSTALLATION

#### APPLICATION

Remove all dust, dirt, debris, and scaled crusted coating. Before applying BITUMAT BITUFLASH on concrete, metal or dried roof surfaces, prime with BITUMAT BITUPRIME.

Apply with trowel or putty knife. To patch holes or cracks, trowel BITUMAT BITUFLASH to a thickness of 4mm and embed into it a nonwoven polyester fabric reinforcement and then another layer of 4mm BITUMAT BITUFLASH.

A flexible bond is obtained by spot bonding protection boards to dampproofing membranes.

### CLEANING

Tools : Clean with kerosene

Hands : Use a hand cleaner or kerosene followed by soap and water.

### COVERAGE

Smooth Surface : 1 .0 to 1.2 Kg/M<sup>2</sup>  
Rough Surface : 1 .2 to 2.4 Kg/M<sup>2</sup>

### STORAGE

Store in original, sealed containers in a shaded area between 5°C and 40°C.

Storage must be frost-free.

### STANDARDS

Complies with ASTM-D-4586 Type II

### PACKING

20 Kg pails and 200 Kg drums

### HEALTH & SAFETY

Flammable; contains petroleum distillate. Keep away from open fire, sparks or other ignition sources. Wear protective clothing, gloves and goggles.

Fire - Flammable when wet.

Skin - Avoid repeated or prolonged contact. Remove with hand cleaner that removes oil or grease, then clean with soap and water.

Eyes - Contact could cause irritation. If contact occurs, flush with clean water.

Inhalation - Can cause dizziness. Remove to fresh air. If breathing difficulty persist, administer oxygen.

# BITUFLASH

Plastic Cement

## TECHNICAL DATA

BPC02	50-E	R-00	00
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Property	Typical Value	Test Method
Density, at 25°C, Kg/liter	1.1 - 1.2*	ASTM-D-70
Consistency, Cone Penetration, @ 25°C., dmm	250 - 270 <sup>1</sup> 275 - 295 <sup>2</sup>	ASTM-D-217
Dry film thickness, 1 Liter/M <sup>2</sup> , mm	0.65	
Drying time, to touch, hr	4	-
Drying time, through, hr	48	-
Colour	Black	-
Cold temperature pliability at 0 °C	No cracking or peeling	ASTM-D-4586
Resistance to heat at 60 °C.	No sagging or blistering	ASTM-D-4586
Adhesion to dry surfaces	Excellent	ASTM-D-3409
Adhesion to wet surfaces	Excellent	ASTM-D-3409
Resistance to sunlight (UV) (Weather- O - Meter 2000 Hrs)	No corrosion, cracking or peeling	ASTM-G-53
Resistance to mild acids and alkalies	Good	-
Resistance to water	Excellent	ASTM-G-53
Service temperature, °C	-20 to 90	-
Non-volatile, % Wt	72-77	ASTM-D-4586
Volatile, % Wt	23-28	ASTM-D-4586
Mineral stabilizers, fibers and special additives, % Wt	23-27	ASTM-D-4586
Bitumen content, % Wt	40 (Min)	ASTM-D-4

\* Depends on grade

1 Winter grade

2 Summer grade

The information given in this Technical Data Sheet reflects typical median properties based on laboratory test, and practical experience; subject to the tolerance levels of UEAtc directives. However, as the product is often used under conditions beyond our control, we can't warrant but the product itself.

THIS PUBLICATION AUTOMATICALLY SUPERSEDES ALL PREVIOUS PUBLICATIONS RELATING TO THIS PRODUCT.

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