

# SpECTite DPC

## NON-FIBRATED BITUMEN EMULSION

### DESCRIPTION

**SpECTite DPC** is a non-fibrated, emulsified bitumen protective coating, which meets the required properties of a protective coating used for built up roofs and other exposed surface.

### TYPICAL USES

- Protective coating for flat, exposed and pitched roofs as well as kitchens, bathrooms and basements
- Damp-proofing of concrete basements, walls, floors, block work walls etc.
- Protection of concrete foundations, footings, retaining walls etc above and below grade. from soil chemicals.

### FEATURES

- Is a non fibrated bitumen emulsion specially developed for high temperature services
- On drying, it forms a firm, flexible and continuous coating with good adhesion to screed, concrete, fiberglass mat etc.
- The filler content prevents the coating from sagging or flowing even at the extreme temperatures, which roofs and other parts of the building reach in summer.

### ADVANTAGES

- Suitable for use in both dry and damp surface.
- Easy to apply.
- Ready for use; no mixing or heating required chloride attack.
- Good weather resistance
- Does not embrittle at low temperatures.
- Good resistance to soil acids and salts.

### RELEVANT STANDARD

**SpECTite DPC** complies with the specifications of ASTM-D 1227

### TECHNICAL DATA

<b>Form</b>	Viscous liquid, dark brown in clour, drying to black flexible coating
<b>Weight</b>	Approx. 1000g/litre
<b>Non-Volatile Content</b>	Minimum 30%
<b>Toxicity</b>	Non-toxic

### CHEMICAL & WATER RESISTANCE CHART

Water Vapour	Excellent
Salt Water	Excellent
Dilute acids & Alkalis	Excellent

### APPLICATION

#### Surface Preparation

Concrete surfaces must be clean, sound and free from oil, grease, dirt, dust and loose particles. It is desirable to dampen the surface with water if the concrete or block work is very dry.

It is recommended to use a primer coat of **SpECTite DPC Primer** to ensure proper bonding of subsequent coat. The primer penetrates concrete surfaces, fills pores, hairline cracks etc. and produces an excellent surface for adhesion of **SpECTite DPC**.

#### Application

1. Thoroughly apply the material as required by brush or trowel into the substrate, make sure the rounded edges are fully coated.
2. While the coat is still wet, embed fiber glass mesh into the coat. use the trowel to work the material up and through the mesh until it is completely embedded.
3. Allow an overlapping of 50-100 mm wide on each side as well as over up stands.
4. Apply the second or subsequent coat to gain required DFT.

5. Apply minimum two coats of **SpECTite DPC** with heavily loaded brush or broom. A thick coat can be laid even on vertical surfaces, on account of the thixotropic nature of the product.
6. Each coat must be applied at right angles to the previous one to obtain proper coverage and uniformity.
7. The first coat must be fully dry before the subsequent coat is applied. Normal drying time is between 1 to 4 hours. In high humid and cold weather conditions this may extend upto 12 hours or more.

#### **EQUIPMENT CLEANING**

- Dip brush in clean water before and during use for ease of application.
- During work break periods place them in water to prevent caking up of the bristles.
- Clean brushes and tools in soap and water immediately after use.

Dried emulsion can be removed with the help of white spirit, petrol, diesel oil etc.

#### **SERVICE TEMPERATURE RANGE**

- 5 to 100°C depending on operating conditions.

#### **HEAT FLOW RESISTANCE**

The cured film will not sag or flow under service conditions.

#### **PACKAGING AND YIELD**

**SpECTite DPC** is supplied in 15 litre tins and 200 litre drums. High built up is possible on account of the thixotropic consistency of the product. Coverage rates vary from 0.5 to 1.0 kg/m<sup>2</sup> depending on the type of surface and built up thickness.

#### **STORAGE AND SHELF-LIFE**

To maintain a shelf-life of minimum of 12 months, stored in sealed original conventional containers, protected from extreme weather conditions. Stir well before use, if stored for a long time.

#### **HEALTH AND SAFETY**

**SpECTite DPC** is non-flammable and non-hazardous in normal use.

When the product is wet, it should be removed from skin by soap and water. But when dry, suitable cleaners like petrol, diesel, etc. should be used.

Splashes to eyes should be washed immediately with abundant water.

Avoid contact by careful working and use barrier cream or gloves.

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