



## **FLEXICOAT**

Bitumen rubber latex emulsion

**Description:** A special blend of rubber latex and bitumen emulsion suitable for use as a:-Waterproofer  
Multi purpose adhesive Crack sealer The rubber gives low temperature flexibility and resistance to softening in warm conditions.

**Preparation:** All surfaces must be clean and free from dust, oil, surface water and loose material.

**Priming:** Very porous surfaces should be given a priming coat using a mixture of 1 part FLEXICOAT to 5 parts of clean, cold water brushed well in and allowed to dry.

**General:** Protect unused material from frost and do not apply at temperatures below 5 degrees centigrade. Drying time is normally 3-6 hours but may be extended in humid conditions or places without adequate ventilation. Do not use when there is danger of frost or rain before the material has completely dried.

**Coverage:** Generally a coverage of 0.6 - 0.9 litre/sq.m per coat is achieved.

**Cleaning:** Wash FLEXICOAT off tools etc. with cold water before it has set. If however the material has hardened, remove with parafin or white spirit.

Storage: Keep in a closed container and protect from frost. **Waterproofing walls prior to plastering**

Internal walls can be treated with FLEXICOAT to provide waterproofing and a key for the plaster treatment. Brush apply one coat of FLEXICOAT onto the cleaned wall and allow to dry. A second coat is then applied and should be blinded while still wet with clean sharp sand which will act as a key for bonding the plaster. Allow at least 24 hours for the blinded coat of FLEXICOAT to dry before plastering.

### **Waterproofing concrete roofs**

Thoroughly clean the surface of the concrete to remove all dust, dirt and foreign matter. Brush dampen the surface with water or a priming coat of FLEXICOAT and clean water (1:5 mixture) and allow to dry. Apply the first coat of FLEXICOAT and whilst still wet tamp fibreglass tissue over this

coat ensuring air pockets are excluded, and allow to dry. Apply a second coat of FLEXICOAT and allow to dry, followed by a third blinded with sharp sand or chippings. DO NOT USE LIMESTONE. Alternatively tiles may be used but should be placed in position only when the third coat of FLEXICOAT reaches a tacky state.

### **Damp proof membrane under concrete and roof screeds (sandwich membrane)**

Thoroughly clean the surface of the lower slab to remove all dirt, dust and foreign matter. Depending upon the porosity of the slab a priming coat of FLEXICOAT and clean water in the ratio of 1 part emulsion to 5 parts water may be needed. One coat of FLEXICOAT should be brush applied evenly over the slab and the membrane should be continued up the walls to link with the existing damp courses. As soon as the first coat is dry, apply a second coat and blind with clean, coarse dry sand. This will protect the membrane while the screed is being placed and will act as a key. If required, a reinforcing membrane may be used to cover the junction between the subfloor and wall.

### **Repairs of cracks in black top surfacing and concrete**

Fine cracks may be conveniently filled with FLEXICOAT but larger cracks up to about 6mm are best treated with a mixture of 2 vols FLEXICOAT to 1 vol of fine sand. For cracks over 6mm use the filled mixture described above plus about 10% by volume of cement. The joint must be thoroughly cleaned and the stirred FLEXICOAT poured in, or in the case of the filled material poured/squeegeed or palette knifed in. If traffic is to be allowed on immediately blind with sand to prevent pick up. Larger cracks may require topping up after 24 hours.

### **Fixing woodblocks and panel parquetry**

Woodblocks of minimum 14mm thickness should be dipped bottom face only into FLEXICOAT and placed immediately into position. This process is made easier if a shallow container is available into which a small amount of FLEXICOAT is poured. Alternatively, and for fixing panel parquetry, FLEXICOAT is spread evenly over a small area at a time and the panels placed into position. On a very porous surface it is advisable to use a priming coat of 1:5 mixture of FLEXICOAT and clean water, and allow to dry before carrying out the above procedure.

### **Keying treatments**

For use on glazed tiles, brick etc. before plastering. Carry out instructions as for Waterproofing Walls.

### **Protective coating on bridge abutments**

Thoroughly clean the surface to remove all dust, dirt, grease and foreign matter. Brush dampen the surface with clean water or apply a priming coat using a 1:5 mixture of FLEXICOAT and clean water. Apply one coat of FLEXICOAT. As soon as this first coat is touch dry, apply a second coat.

# **HEALTH & SAFETY DATA SHEET**

**Product Name:** Flexicoat **Chemical family:** Bitumen/latex emulsion

**Product Description:** Water based, anionic bitumen/latex emulsion, thixotropic  
brown/black liquid

## **Composition:**

%(typical values only)

Bitumen 57-60

Water 26 - 32

Natural Latex 9-11

Emulsifying agents 2 - 3

## **Hazards Identification:**

May cause irritation to skin and eyes

Non-flammable

Dried film melts and will support combustion

## **First Aid Measures:**

Inhalation: No known hazard

Skin: Wash with water, if irritation persists seek medical advice

Eyes: Irrigate thoroughly with water, seek medical advice

Ingestion: Do not induce vomiting, give water to drink, seek medical advice

## **Fire Fighting Measures:**

Non-flammable

Dried film melts and will support combustion

## **Accidental Release Measures:**

Contain spillage with sand or earth

Transfer to waste site in sealed containers

Inform authorities if material enters drains or water courses

Ensure disposal conforms with local disposal regulations

### **Storage and Handling:**

Protect from freezing (above 0 degrees centigrade)

Normally packaged in 25L polyethylene containers or steel 200L drums

Keep container closed when not in use

### **Exposure, controls and personal protection:**

No Occupational Exposure Limits apply

Use barrier cream, rubber gloves and protective clothing

### **Physical and Chemical Properties**

Formula. n/a

Appearance: Brown/Black thixotropic, viscous liquid

Density: 1.0 kg/litre

Odour: Mild odour

Flammability: non-flammable

Flash point: n/a

### **Toxicological Information**

Inhalation: Not considered hazardous

Skin Contact: Due to small quantities of emulsifying agents, frequent or prolonged skin

contact may cause skin sensitisation

Eye contact: May irritate eyes

Ingestion: Minimal toxicity

### **Ecological Information**

Not considered to present a serious hazard

### **Disposal Considerations**

Suitable for disposal in approved landfill site

### **Transport Information**

Low hazard product. No hazard labelling or tremcard required

### **Regulatory Information**

Under CHIP and EEC provisions this product does not require classification or labelling

### **Other Information**

This information relates only to the product described. Such information is to the best of Restoration UK Ltd's knowledge and belief accurate and reliable. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness.

It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use.

