

Description

FLEXICOAT is a blend of rubber latex and bitumen emulsion suitable for use in a variety of construction situations. The rubber gives low temperature flexibility and resistance to softening in warm conditions.

Typical Applications

As a 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.

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.

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 parts by volume of FLEXICOAT to 1 part 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 and squeegeed in. If it is to be trafficked 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 (1/2") 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 allowed to dry before carrying out the above procedure.

General

Protect unused material from frost and do not apply at temperatures below 5c. 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 a danger of frost or rain before the materials 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 paraffin or white spirit.

Storage

Keep in a closed container and protect from frost.

Containers

Material supplied in 5lt cans, 25lt buckets and 200lt tighthead drums

The information supplied on this sheet is based on results we have achieved. Materials and site conditions vary and application is beyond our control. Therefore, no liability is accepted for loss or damage

1. Identification of the substance/preparation and the company

Identification of the product: **D1 Flexicoat**
Chemical family: bitumen/latex emulsion
Product description: water-based, anionic bitumen/latex emulsion, thixotropic, brown/black liquid
Supplier: Aytton Products
Browick Road
Wymondham
Norfolk NR18 ORJ
Tel : 01953 602002
Fax : 01953 604965
Emergency phone number: 01953 602002 (office hours)
01603 727272 (outside office hours)

2. Composition/information on ingredients

D1 Flexicoat comprises of bitumen and natural latex emulsified in water. Emulsifying agents and other additives are also present in small quantities.

3. Hazards identification

May cause irritation to skin and eyes

4. 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

5. Fire-fighting measures

Non-flammable
Dried film supports combustion
Use CO₂, dry powder or foam extinguishers

6. Accidental release measures

Contain spillage with sand or earth
Transfer to waste site in sealed containers
Prevent entry into water courses or drains
Inform authorities if material enters drains or water courses

7. Handling and storage

Protect from freezing conditions
Keep container closed when not in use

8. Exposure controls and personal protection

No Occupational Exposure Limits listed in EH40 apply
Wear rubber gloves, eye protection and protective clothing, use barrier cream on hands

9. Physical and chemical properties

Formula:	n/a	Flammability:	non-flammable
Appearance:	brown/black liquid, viscous liquid	Flash point:	n/a
Density:	~1kg/litre	Boiling point:	~100 °C
Odour:	mild odour	Acidity/alkalinity:	pH 8 to 12

10. Stability and reactivity

Conditions to avoid: Do not store below 2°C to avoid freezing

Materials to avoid: acids (will cause product to coagulate)

11. 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

12. Ecological information

Air: at normal temperature water component will evaporate leaving solid layer of bitumen

Water: emulsion will disperse in water and bitumen component will persist in environment for considerable period of time.

Soil: will form a solid layer on the surface on evaporation of bitumen..

13. Disposal considerations

Dispose as controlled waste in compliance with local by-laws and the requirements of the Environmental Protection Act 1990.

14. Transport information

D1 Flexicoat is not classified as hazardous for transport (CDGR, ADR, RID, IATA/ICAO)

15. Regulatory information

D1 Flexicoat does not require classification or labelling under the Chemicals (Hazards, Information and Packaging) Regulations.

The information contained in this safety data sheet does not constitute an assessment of workplace risks. Users are advised to refer to the following legislation for further information:

Health and Safety at Work etc. Act 1974

Control of Substances Hazardous to Health Regulations

Carriage of Dangerous Goods etc. Regulations 2004

Environmental Protection Act 1990

Environmental (Duty of Care) Regulations

16. Other information

Recommended use

D1 Flexicoat is used as a waterproofing membrane, adhesive and crack filler. Refer to product data sheet for information on use and method of application.

The above information is based on our current knowledge of the product. The purpose of this data sheet is to describe the product in terms of its safety requirements. It is the users responsibility to satisfy themselves as to the adequacy and completeness of this information for their own particular use.