



Shell Bitumen

Shell Flintkote Decoralt Blue

Product Technical Data Sheet

- Description
Shell Flintkote Decoralt Blue is a synthetic resin based coating with a mineral filler use as decorative, protective, reflective non-skid surface treatment for use on concrete floor, brick work, mastic and over bituminous coatings on walls and roofs. It is not a vapor barrier and therefore permits breathing when applied over concrete, brick work and similar materials. Dry to a matt finish
- Product Density
1.5
- Approximate Coverage
0.11-0.14 litres per m² of material per coat on non-porous surface (7-10 m² /litre per coat)
- Containers
Pail 15 litres
- Product Colour
Blue
- Typical Uses
 - 1) As a protective and/or reflective coating over stable bituminous surface. Such as: Shell Roof Waterproofing; bitumen coated masonry, concrete surface. Note: It is not suitable for use over bituminous surfaces which are to be permanently immersed in water. For example, swimming pools and water tanks.
Crazing may occur at high temperature if Shell Flintkote Decoralt Blue is applied direct to bituminous coatings which have a tendency to flow or "Creep" when hot.
 - 2) As a coloured coating on asphalt or concrete paths etc. Particularly as an attractive and durable finish for asphalt or similar bituminous surfacing for tennis, volleyball and basketball courts.
 - 3) As a durable, decorative coating on exterior concrete, brick or masonry
 - 4) As a line marking paint on parking bays. In common with other decorative finishes, Shell Flintkote Decoralt Blue may be adversely affected in localized areas where "ponding" occurs. For example, on roofs where adequate drainage falls have not been provided.
- Insulation
A decorative, protective, reflective and weather resistant coating, that will allow the substrate to breathe.

- Application
 - Preparation of surface
 - 1) All surfaces should be free from dust, dirt, oil, grease and loose materials
 - (a) Bitumen-coated or painted surfaces should be firmly adhering to the base and should be well washed to remove dirt, dust etc.
 - Over recently applied bituminous surface, allow the following minimum period to elapse after final coat has dried before applying Shell Flintkote Decoralt Blue:
 - Water-based coatings 3 days
 - Solvent-based coatings 14 days
 - (b) Concrete and similar surfaces should be brushed free of all loose materials. If difficult to produce a sound and relatively dust-free surface, prime with Shell Flintkote No.3 at rate 0.1 litre/ m² and allow to dry.
 - 2) Shell Flintkote Decoralt Blue, as applied first coat, must be diluted with 15-20% by volume of clean water thoroughly stirred to a uniform consistency before use. Allow to dry one hour. Applied undiluted-second coat at right to the first coat.
 - 3) During use, Shell Flintkote Decoralt Blue should be stirred frequently to prevent the solids settling out which could result in degraded coating.
 - 4) Always apply three very thin but continuous coats.
 - 5) Over bituminous surfaces, application should be by spray or mohair rollers (lambswool or foam rollers are not recommended, neither are brushes)
 - 6) If a brush must be used instead of a roller or spray for application over bituminous surfaces etc. great care must be taken to obtain a thin smooth film and consideration should be given to blinding the bituminous coat with fine sand while it is wet.
- Safe Handling Precautions
 - Non-flammable, and non-hazardous in normal use. Remove skin contamination when wet with water and when dry with a suitable proprietary and cleaner.
 - In the event of contact with the eyes, irrigate with water.
- Setting or Drying Time
 - 1-3 hours dependent n air change, temperature, humidity, and porosity of base.
- Cleaning of Tools
 - Se cold water when material is wet, when dry clean with a strong solvent (e.g. Xylol) or a proprietary brush cleaner (Thinner)
- Chemical Resistance
 - Resistance to grease, oil, petrol (gasoline), paraffin (kerosene), turpentine substitute and most salt and detergent solutions.
- Fire Resistance
 - Wet: non-flammable
 - Dry: will burn slowly
- Application Temperature Limits
 - Above 5°C Upper limit 50°C
- Service Temperature Limits
 - Approximately minus 10°C to plus 80°C
- Solar Heat Reflection Coefficient
 - Approximately:
 - Blue 30 %

- Weatherometer
No blistering or cracking after 1,000 hours
Test Method B.S.3900: Part F3: 1971(1979)
- Heat Flow Resistance
The dried film will not flow or sag
- Storage Life
Approximately 12 months under good storage condition in sealed and undamaged containers.
- Storage Conditions
This material subject to damaged by frost and should be stored at temperatures between 5°C and 40°C
Always store under cover.

Note: This data sheet is issued as a guide to use of the product(s) concerned, and whilst every effort is made to ensure the accuracy of the text which is in accordance with the latest technical development we can not accept responsibility for any work carried out with our materials, as we have no control over the method of application used or condition of site involved.