



TECHNICAL DATA SHEET



DESCRIPTION

Bedec Super-Flex is a flexible elastomeric coating easily applied by brush, roller or spray to form a high build, seamless waterproof coating which economically prevents or cures all types of leaking roofs, gutters and walls.

Super-Flex remains flexible and elastic to allow for movement of the substrate forming a long life protective coating.

USES

Super-Flex is suitable for application to almost any surface including roofing tiles, slate, brick, concrete, corrugated iron, corrugated galvanising, asbestos, asphalt, felt, copper, zinc, lead, PVC or polycarbonate roof sheets, plus most plastics and timber.

- Solar Reflective Paint - White and Aluminium

FINISHES

- Available in Soft sheen only

SURFACE PREPARATION

Ensure the surfaces to be painted are clean dry and free from dust, dirt grease and wax. Remove all loose and defective paint. Algal and fungal growths should be removed and treated with a fungicidal wash.

Smooth glossy surfaces should be lightly abraded to provide a key.

All metals should be free from rust, scale and dust before applying BEDEC water based All Metals Primer. Pressure treated timber should be weathered for at least six months prior to painting. Denatured wood should be abraded to reveal new cells. New planed, finished wood or PSE wood should also be abraded to open the grain and allow maximum penetration.

On untreated weathered wood, new wood, cement, render, plaster, brick work or any porous substrate the first coat should be thinned with 30% clean water.

Where there is a risk of staining (Extractive discolouration) treatment with BEDEC Stain block is recommended. It is always advisable to test for staining by applying Super-Flex to a small area first. Knots should also be treated with BEDEC stain block, Knotting solution is not recommended.

Allow new creosote three months to weather. No need to etch or pre prime galvanised steel. Allow new galvanised steel to weather for two months before painting.

Any structural repairs that may be necessary should be carried out before applying Super-Flex.

Cracks and Jointing Treatment

After preparation and pre-treatment, cover all joints with PVC adhesive tape, in short lengths (approx. 24 ins (60 cm)) to avoid stretching. Apply a thin coat of Super-Flex over the tape and immediate surrounding area. Stipple 6ins (15cm) polyester or glass fibre scrim evenly into the wet Super-Flex and allow to dry thoroughly. Apply a further thin coat of Super-Flex, with generous overlap on each side, and allow to dry. Apply at least one further full coat of Super-Flex at the normal spreading rate and allow to dry. Care should be taken that the scrim membrane is properly embedded and flush to the contour of the surface. If the repair is on an area subject to standing water, the perimeter of the Super-Flex system should be extended to a normally dry section.

APPLICATION

Apply by brush, roller, conventional H.V.L.P or airless spray. Stir well and check colour before use. Do not apply at air or surface temperatures below 10°C or when likely to rain before the paint has fully dried.

If repair involves only small-localised cracks or fractures, apply two full coats of Super-Flex over the treatment previously outlined.

Where the complete roof surface is to be weatherproofed, after necessary preparation as outlined, apply two full coats of Super-Flex allowing thorough drying between each coat. In ALL cases, the Super-Flex finishing coats must be brushed at right angles to each other. On roof surfaces, Super-Flex finishing coats should be applied to a maximum of 2.sq metres per litre per coat.

Apply by "laying on" and do not apply like paint. Do not apply to wet or damp surfaces, or where there is a likelihood of rain or fog before Super-Flex has dried. **THIS IS VERY IMPORTANT.**

COVERAGE

On roofs

Approximately 2 sq metres/litre per coat when applied by brush, roller and spray depending on the texture and porosity of the substrate.

Giving a wet film thickness (WFT) of approximately 500 microns per coat (Corresponding to an approximate dry film thickness (DFT) of 225 microns per coat).

On walls

Approximately 10 sq metres/litre per coat when applied by brush or roller depending on the texture and porosity of the substrate.

Giving a wet film thickness (WFT) of approximately 100 microns per coat (Corresponding to an approximate dry film thickness (DFT) of 45 microns per coat).

Spraying will considerably reduce the coverage rate depending on the type of spray equipment used.

Airless spray systems for example coverage will be reduced to approximately 6-8 sq meters/litre per coat. When using a tip size of 13-15 thou @ 50-70° angle and a pump pressure of 2500 P.S.I. Giving a wet film thickness of approximately 146 microns per coat (Corresponding to an approximate dry film thickness (DFT) of 66 microns per coat).

DRYING TIME

Dependant on the conditions. Touch dry in 4-6 hours, normally recoatable after overnight drying at 18°C and 65% relative humidity. Ensure good ventilation during application and drying.

CLEAN UP

Clean up immediately after use with warm soapy water. Remove as much product as possible prior to cleaning.

STORAGE

Clean rim and replace lid firmly after use and protect from low temperatures (minimum 5°C). To avoid the risk of spilling always store and transport in a secure upright position. Do not store by hanging on a hook.

GENERAL INFORMATION

Further information is available from our technical department. Help@bedec.co.uk

TYPICAL DATA

Weight solids	Nominal 58% (White)
Volume solids	Nominal 45% (White)
Specific Gravity	1.31 +/- 0.05 (White)

WISE PRECAUTIONS

- Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.
- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Dispose of contents/container to a waste disposal site in accordance with local/national guidelines.
- Ensure good ventilation during application and drying
- Do not breathe spray. Where respiratory protection.
- Do not get in eyes, on skin or on clothing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF ON SKIN: Wash with plenty of water. Do not use solvent or thinners or white spirit.
- IF SWALLOWED: Call a POISON CENTRE or doctor. If you feel unwell.
- Avoid the inhalation of dust. Wear suitable face mask if dry sanding. Special precautions should be taken during surface preparation of pre-1960's paint surfaces over wood and metal as they may contain harmful lead.
- LOW VOC CONTENT 0.3-7.99% EU limit for this product (cat A/i): 140g/l (2007) /140g/l (2010) this product contains MAX 140g/l VOC.

PACK SIZES

2.5 Litres, 5 Litres, 20 Litres, 205 Litres and 1000 Litre IBCs

COLOUR RANGE

See colour card. Other colours can be made subject to economical batch quantities.

CUSTOMER CARE LINE:

☎ 01279 876 657

MSDS data available on request.

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