



## TECHNICAL DATA SHEET

### ACRYLIC EXTERIOR **BARN PAINT** FOR BARNs, STABLEs, OUTBUILDINGs, SHEDs & FENCING

#### DESCRIPTION

The original Barn Paint, initially formulated for restoration work on Essex barns.

Bedec Barn Paint can be applied to previously painted surfaces even those coated with weathered bitumen, tar varnish or creosote provided there are no loose powdery deposits.

This acrylic system is a tough durable but flexible micro porous protective coating, with excellent colour retention. Two or three coats can be applied in one day especially during the summer months.

#### USES

Barn Paint is ideally suited not only for the protection of buildings but also recommended for coating fences, gates, cladding (wood, metal and cement fibre) farm equipment, tanks, drainpipes, gutters, doors, windows and many other areas around farms, factory's, houses and gardens. Also suitable for weathered substrates such as galvanising and plastisol cladding.

#### FINISHES

- Black and white available in Semi-Gloss, Satin and Matt
- Colours and semi-transparent stains, available in Semi-Gloss 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.

Bare steel 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 approximately 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 Barn Paint to a small area first. Knots should also be treated with BEDEC stain block, Knotting solution is not recommended.

Allow new creosote 3 Month to weather. No need to etch or pre prime galvanised steel. Allow new galvanised steel to weather for two months before painting.

#### 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 8°C or when likely to rain before the paint has fully dried. On sealed surfaces apply two to three coats, allowing each coat to dry thoroughly. Do not over spread.

#### COVERAGE

Approximately 13-15 sq meters/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 71 microns per coat (Corresponding to an approximate dry film thickness (DFT) of 21 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 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 44 microns per coat).

#### DRYING TIME

Dependant on the conditions. Dry in 2-4 hours, normally recoatable after four hours at 18°C and 65% relative humidity. Fully hardened after one month. 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

Barn Paint is not suitable for areas of high traffic such as worktops and hand rails. Substrates which have had water-repellent preservative treatments applied should be avoided because adhesion could be compromised.

Barn Paint can be used on glass internally but not externally.

Barn Paint will not adhere to stainless steel and is not recommended for decking.

Further information is available from our technical department. [Help@bedec.co.uk](mailto:Help@bedec.co.uk)

## TYPICAL DATA

Weight solids	Nominal 45% (White)
Volume solids	Nominal 30% (White)
Specific Gravity	1.29 +/- 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/d): 130g/l (2010) this product contains MAX 130g/l VOC.

## PACK SIZES

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