



TECHNICAL DATA SHEET

AQUA-ADVANCED

ACRYLIC POLYURETHANE ENAMELS

DESCRIPTION

High quality Acrylic / Polyurethane Enamels, designed for interior and exterior use.

Aqua Enamels incorporate Bedec's unique approach to innovation in water based technology. They exhibit quick drying, excellent durability and block resistance. Coupled with advanced levelling, colour retention, high covering power and non yellowing properties.

USES

Formulated as a three coat system using Aqua Primer Undercoat as the first coat.

Designed with the trade decorator in mind the requirements of a top quality trim paint have been fulfilled.

FINISHES

- Available in Gloss, Satin, Eggshell and Matt

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.

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 Aqua Advanced Enamels to a small area first. Knots should also be treated with BEDEC stain block, Knotting solution is not recommended.

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 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 71 microns per coat (Corresponding to an approximate dry film thickness (DFT) of 27 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 5 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. 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 50% (White)
Volume solids	Nominal 38% (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/g): 30g/l (2010) this product contains MAX 30g/l VOC.

PACK SIZES

1 Litres, 2.5 Litres, 5 Litres, 205 Litres and 1000 Litres IBCs

COLOUR RANGE

White and Black. 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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Innovators in Water-based Technology

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