



EPOXY WALL SHIELD

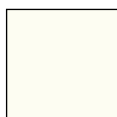
Hygienic, abrasion and scrub resistant epoxy resin wall coating



Anglo Epoxy Wall Shield is a roller or brush applied wall coating for use in food processing areas, hospital kitchens, canteens etc.

**SOLVENT
FREE**

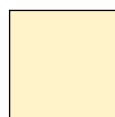
- **Anti-fungal and anti-bacterial**
- **May be applied to cracked or damaged tiles, concrete, brick, render and plaster**
- **Approved for potable water**
- **Flame retardant**
- **Resistant to hydrostatic pressure**
- **Cured surface is non-toxic**
- **Tough epoxy resin formulation with unparalleled adhesion**



White



Light
Blue



Cream

PRODUCT INFORMATION

APPEARANCE

High performance, virtually odour free, two pack pigmented, water dispersed epoxy resin with fire retardant agents, fungicides, bacteriacides and anti-mar additives. Anglo Epoxy Wall Shield cures to a tough gloss finish depending upon substrate texture and number of coats.

AVAILABILITY AND COVERAGE

Anglo Epoxy Wall Shield is available in 4.5 litre and 3 litre units plus 1 litre units in white and magnolia only. Coverage 30m² per 4.5 litre unit maximum per coat. Two coats are normally recommended, but on concrete blockwork and similar very porous, coarse surfaces 3-4 coats may be required and coverage may be reduced to 10-15m² per 4.5 litres per coat. Three coats may be necessary on surfaces subject to hydrostatic pressure.

CHEMICAL RESISTANCE

Anglo Epoxy Wall Shield is resistant to short term spillages of the following:-

20% caustic soda, detergents, methylated spirits, bleach, saline solution, sugar solutions, xylene, white spirit, 20% ammonia and 10% citric acid.

STORAGE

Store at a minimum temperature of 15°C and maximum 25°C for 8 hours prior to use. Do not allow the product to freeze.

SURFACE PREPARATION: PLASTER, CONCRETE, BRICK AND MASONRY

Plaster should be dry and thoroughly cured. Render and concrete should preferably be dry and at least four weeks old and free of any soft surface laitance and contaminants. Thoroughly remove all loose material by wire brushing. General dirt etc. should be removed with strong neutral cleaners. The surface must be absolutely free of all contamination before the product is applied. Cracks in render and concrete should be raked out and all loose material removed. The cracks should then be primed with a cement slurry and a strong sand cement mix used immediately to infill. Repairs of this kind are recommended to be covered with plastic, damp sacking or newspaper to ensure thorough curing of the mortar. Alternatively Anglo Verti-Patch may be used.

SURFACE PREPARATION: TILED SURFACES

Thoroughly clean/scrub the surface especially the grouting and any cracks to remove all contamination, mildew etc. Apply Anglo Fungicidal Wash to kill any mould or mildew that is present in the grouting. The surface must then be thoroughly rinsed with clean water and allowed to dry.

SURFACE PREPARATION: PAINTED SURFACES

Remove all defective paint and on gloss surfaces create a key by rotary wire brushing, sanding etc.

SURFACE PREPARATION: DAMP SURFACES

To ensure penetration, the surface should be as dry as possible, clean, sound and free of any loose material. On surfaces subject to hydrostatic pressure it is essential that all previous coatings and surface weaknesses be removed.

DUAL PACKS

Separate the two tins by aligning the side seams and pulling apart.

MIXING

Each pack consists of a container of resin and a larger container of activator. Stir and empty the complete contents of the resin into the activator and continue stirring with a wide bladed tool very thoroughly until an even colour and texture is obtained.

POT LIFE

Once mixed the product has a usable pot life of 1-2 hours at 20°C. Higher ambient temperatures will reduce the pot life.

APPLICATION

Best results are obtained in warm conditions (preferably at a minimum

15°C) with good ventilation. Do not apply below 10°C. Apply two coats by short pile type roller (not foam). A brush may be used but coverage will be reduced. A roller is essential on very smooth surfaces to obtain a reasonably even finish with the first coat. Avoid applying too thickly when using a brush to avoid 'curtaining'. Do not re-work areas of coating or attempt to even out areas which are starting to cure and showing differences in colour. Any colour differences should disappear when the coating is thoroughly cured. The second coat should be applied within 24 hours. On high suction backgrounds or very damp surfaces at least three coats may be required. The first coat on damp surfaces may appear streaky. This effect will reduce after curing. Do not seal both faces of vertical steel reinforced concrete where rising damp is a problem.

IMPORTANT

In exceptional temperature conditions advice should be obtained from Anglo's Technical Department.

CURING TIME

The product will normally cure to a tack free finish in approximately 12 hours (at a constant minimum temperature of 20°C). Higher ambient temperatures will reduce the curing time. Full chemical resistance is achieved after 7 days at a constant 20°C.

CLEANING APPLICATORS

Warm soapy water will remove Anglo Epoxy Wall Shield from applicators providing the product has not started to cure. The pigmented resin component may only be removed by solvents prior to the addition of the activator.

SAFETY

Some skins are sensitive to epoxy resins - it is advisable to wear rubber gloves when using the product. All product labels provide general safety information. Material Safety Data Sheets are available. Food products must be removed from the area during application and cure.

MAINTENANCE

Resistant to the normal range of cleaners. Strong degreasants should be tested first. Do not steam clean or subject to temperatures in excess of 60°C.

ANGLO VERTI-PATCH

Epoxy resin mortar for vertical concrete, render and stone surfaces.

ORDERING

Available from stockists throughout the UK. All Anglo products are sold subject to the Company's Standard Conditions of Sale. The Company and its representatives are often asked to comment on potential uses of Anglo products which differ from those described in the Company's data sheets. Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by Anglo.

All information is based on results gained from experience and tests and is believed to be accurate, but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control.

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