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MULTIVERSAL™ MULTI-PURPOSE PAINT



PRODUCT INFORMATION

DESCRIPTION:

An economical high performance water based 'acrylic + linseed oil' composite paint.

PROPERTIES:

Low sheen - tough film - high water resistance and good tolerance of imperfect surfaces, due to the penetrating ability of linseed oil. Performs primer, undercoat and finish coat work on all common surfaces.

PRINCIPAL USES:

A decorative and protective coating for wood, concrete, **sound fibro-cement substrates** and galvanised metal. Some common use around the home, farm or factory ie: walls, fences, roofs, garage doors, spouting, steps, asphalt driveways.
On unusual or non-standard surfaces you should test this product to determine if it is suitable for your particular use.

Colorsteel® type products: Before applying MULTIVERSAL to Colorsteel® type products we recommend a priming coat of FLAKAPROOF PRIMER before the application of MULTIVERSAL. FLAKAPROOF PRIMER has been formulated as a primer for very smooth, baked surfaces where elevated adhesion is required. Please refer to FLAKAPROOF PRIMER "Preparation" instructions.

COLOURS:

White Pearl, Black, Graphite Grey, Blue Grey, Ivory Grey, Rich Brown, Red Ember, Forest Glade.
Tints can be made by mixing MULTIVERSAL colours into White Pearl or by adding universal colourants.)

Note: Always colour test first to check your choice of MULTIVERSAL colour gives the result you want on the surface you are painting.

APPLICATION DATA:

Surface Preparation:

All surfaces:

The surface needs to be sound and be as clean as possible. Remove flaky paint, surface chalk, powder and dirt by scrubbing or water blasting. Treat mould and moss with a killer such as a proprietary fungicidal product and chlorine bleach, then remove dead material by scrubbing or water blasting. If timber surfaces have been water blasted, please check to ensure excessive loose wood fibres are not present (high pressure washing often leaves a 'fluffy' surface on timber). If excessive loose fibres are present or you have a badly weathered timber surface, we recommend an initial priming coat of Aqualin Timber Stain.

Concrete, Galvanised Steel & Zincalume®:

Treat mould and moss with a proprietary fungicidal product, then remove dead material and dirt by water blasting or scrubbing. Leave to dry.

Note: New galvanised iron and Zincalume® can have a water repellent surface. Leave the surface exposed to the elements for at least 3 months or use a suitable roof wash solution.

Concrete Roof Tiles:

If mould or moss is present, **pre-treat** the surfaces in advance with proprietary fungicidal product and leave for at least 2 weeks, then remove dead material and dirt by scraping, scrubbing or water blasting. Leave to dry.

Using on porous Concrete and unsealed Terracotta Roof tiles

MULTIVERSAL works fine on these surfaces, but we do want to point out 2 main points to remember;

1st point is preparation: Weathered tile roofs are typically infested with mould, widespread lichen and moss growth. Removal of these are critical to achieving a successful long-term decorative paint system and to achieve this you need to treat, leave until it has died then remove. (If it is not treated and removed, they may feed on the linseed oil).

2nd point is that unsealed terracotta tiles and weathered concrete tiles need a seal coat of Easy Seal Solvent Roof Glaze prior to applying two coats of MULTIVERSAL.

Application:	Apply with brush, roller, speed pad or spray gun. Two finish coats are recommended to give greater durability and protection to the surface. Thin with water, but only if necessary for easy application by the selected equipment. Stir well before use, with a wide flat stirrer in a circulating "bottom to top" motion.
<i>Note: If the project requires more than one pail of product (especially different batches) it is good practice to add some of the new pail to the last of the old pail during application to ensure colour uniformity.</i>	
Drying Time:	Dries to touch in less than 30 minutes. Can normally be recoated after 2 hours. For walk-on surfaces, leave to dry overnight before recoating. A dry film of MULTIVERSAL is initially soft but hardens over several days as the linseed oil dries by oxidation. When fully dry it is very tough and durable. Note: Drying and curing times will vary depending on temperature and humidity conditions at time of application. Some initial gloss/sheen variations may appear but will "even out" over a period of time as the oil cures.
Clean-up:	Wash equipment with cold water. Give a final rinse using soapy warm water with laundry detergent to remove any linseed oil residue. Protect our Environment – When disposing of leftover liquid, keep out of stormwater drains and waterways. Take to a local hazardous waste disposal station. Dry all empty containers in a well ventilated area. Dispose of the empty containers according to your local council regulations.
<u>GENERAL DATA:</u>	
Gloss Level:	Low sheen
Theoretical Coverage:	10 sq metres per litre per coat.
Application Temperature: MULTIVERSAL is not as much affected by cold application temperatures as standard acrylics but 10°C to 25°C is recommended as a good working range. Avoid application if rain is forecast within 24 hours.	
Shelf Life:	Store in cool conditions away from direct sunlight. Under normal conditions full containers can be stored for several years. Avoid freezing as frozen paint will destabilise when thawed.
Specific Gravity:	Approximately 1.25 (varies slightly with colour) = 1.25kg/litre
Sizes available:	All MULTIVERSAL colours are supplied in Test pots, 2 litre, 10 litre plastic containers.

COMMON QUESTIONS & ANSWERS

- Q** How do we treat moss, lichen and mould?
A For moss or lichen it should be treated and left a few weeks before staining. Then prior to painting remove dead material by scrapping, scrubbing or water blasting.

We have found the product called 30 Seconds ONE STEP (the green label) mixed with Janola has the best success in treating mould, moss and lichen.

Mix as follows: Water 4 parts (eg 4 litres)
 One Step (green label) 1 parts (eg 1 litre)
 Janola (or other chlorine bleach) 1/4 part (eg 250 ml)

If the surface is relatively clean, there is no need to wash off the above treatment mix. When left on and painted over it provides long term benefits as it help control regrowth.

Note:

Avoid using any cleaners which have sodium hydroxide (caustic soda) – if it is not washed off fully it will have a reaction with the linseed oil.

- Q** What if we get gloss variations with MULTIVERSAL?
A Gloss variations on exterior situations 'even out' to a low sheen finish over a short period of time but not on interior surface applications.

- Q** Can we use MULTIVERSAL on Gib Board?
- A** Yes and no. We have seen several customers use MULTIVERSAL on interior finishes, but prefer them to use our Silkcoat which is a purpose built sealer and interior undercoat for Gib Board. We do not normally recommend MULTIVERSAL for the following reasons. The oil in the MULTIVERSAL soaks into the plaster joints more than the paper, so it dries flatter in those areas. If recoated too soon - say the same day- the oil continues to soak in from the second coat and it will still show flat patches on the joints. If the Gib Board needs sealing due to varying porosity, leave a day or more before recoating as it can seal the surface and the 2nd coat will give a more uniform finish.
- Q** Can we use MULTIVERSAL on interior surfaces?
- A** Again yes and no. Primarily for the same reason above for the Gib Board. You can get different gloss levels due to the amount of penetration the oil has had. MULTIVERSAL must be applied uniformly (even if applied over Silkcoat) because to go back and touch up, or if you have thicker and thinner places, it may give gloss variation due to the amount of oil that is on the surface. If you roll out evenly, and keep a wet edge as you go, you can get a very good job with MULTIVERSAL. So 'you' can get a successful hard wearing an economical job. Hence a lot of landlords and not 'too fussy' people use it and this is why we do not normally consider it an interior paint for the average user.
- Q** Can I use MULTIVERSAL on new Zinclume?
- A** Yes, but it will be soft for a couple of days whilst the oil hardens
- Q** What about treating rust?
- A** Areas of white rust must be removed by hand or power wire brushing. Red rust spots must be treated with a rust killer product or primer followed by the application of MULTIVERSAL. (All current rust treatments on the market which are currently recommended to be used under acrylic paints are suitable to use with MULTIVERSAL).

Note:

We believe linseed oil does assist with bonding onto none perfect substrates and it will perform as good and, in most case, better than a standard acrylic system, it will have some limitations on very poor substrates and more preparation maybe required.

Avoid using any cleaners which have sodium hydroxide (caustic soda) – if it is not washed off fully it will have a reaction with the linseed oil.

OTHER NOTES

The information concerning the use and application of MULTIMAX is supplied in good faith, based on our experience and tests. However, subject to our standard Terms & Conditions of Sale (available on request) and any implied terms, conditions, or warranties imposed by the Consumer Guarantees Act 1993 the recommendations and suggestions herein are made without guarantee, as application conditions are out of our control. Adequate tests should be made to ensure product or recommendations suitability. We reserve the right to alter product or specification without notice.

"There shall be no right of redress against the manufacturer under the Consumer Guarantees Act 1993 in respect of goods which fail to comply with any express guarantees made by the manufacturer in relation to the information contained herein where the goods have failed for reasons beyond the control of the manufacturer".

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