



UNIVERSAL BLACKBOARD PAINT PRODUCT CODE: BLKBRD00

TECHNICAL DATA SHEET

APRIL 2024 REVISION 1

PRODUCT DESCRIPTION

Universal Blackboard Paint is high quality ultra-durable alkyd based paint with unique surface properties

PRODUCT FEATURES AND BENEFITS

Suitable for chalk writing

Dries quickly

Provides excellent chalk removal via a duster leaving no chalk writing behind

Duster wear is minimal

The relatively smooth surface provides for easy wiping off of the chalk

PRODUCT INFORMATION

Colour	Black
Surface Appearance	Matt
Resin Base	Alkyd Based
Solids Content	By volume: Approx. 64%
VOC Content	High VOC content 25% to 50%
Spreading Rate	Theoretical Spreading Rate: 18,3m²/ litre@ 35 µm DFT Practical Spreading Rate: 10,4m²/litre @ 35 µm DFT Our spreading rate is calculated per coat on a smooth surface. This is a guide only. The rate will vary depending on the porosity and profile of the substrate. Tools used and application technique/ method will also have an impact on spreading rate.
Recommend WFT & DFT	47 - 63 µm WFT depending on the surface, porosity, profile and application method 30 – 40 µm DFT depending on the surface, porosity, profile and application method
Pack Sizes	Available in 1ℓ, 5ℓ
Storage and Packaging	Store away from direct sun, heat and severe cold Ensure the container is tightly sealed before storing. If not sealed properly and exposed to extreme temperatures, it will lead to defects such as product fouling, skinning, crystallizing and will have hard settlement.



APPLICATION INFORMATION

Always maintain a wet edge and avoid downing tools during the application to prevent lap marks and variances in colour or texture.

Work from corner to corner, or from one natural cut off point to the next. Do not attempt to touch up areas, completely repaint the whole area.

APPLICATION DETAILS

Mixing	Stir thoroughly with a flat paddle until homogeneous
Application Conditions	Surface Temperatures at 23°C Relative Humidity <50%
Recoating Time	36 hours to dry before over coating and only use board after 7 days
Application Methods	Brush, Roller or Airless Spray
Thinner	Is ready for use, do not thin. For spray application only thin by 10% using Universal Mineral Turpentine
Cleaning of equipment	Universal Mineral Turpentine

SURFACE PREPARATION

NEW SURFACES HARD BOARD & MDF BOARD

The substrates must be clean, dry and sound and free of any contaminants

Remove all dust, foreign material, fungal and algae growth, which should be treated with Universal Paints Fungal Wash.

Prime using Universal Pinkwood Primer allowing 16-24 hours to dry

Apply 2 coats of Universal Blackboard Paint allowing 36 hours to dry in between coats. Only use board after 36 hours

PREVIOUSLY COATED SURFACES HARD BOARD AND MDF BOARD

The substrates must be clean, dry and sound and free of any contaminants

Remove all loose and flaking paint and sand existing coating.

Remove all dust, foreign material, fungal and algae growth, which should be treated with Universal Paints Fungal Wash.

Spot prime using Universal Pinkwood Primer to all bare and repaired areas allowing 16-24 hours to dry

Apply 2 coats of Universal Blackboard Paint allowing 36 hours to dry in between coats. Only use board after 36 hours



CAUTIONS

To ensure colours on the project are consistent, always check the batch numbers and product codes are the same on every container. If batch numbers are different, try mixing all the batches together in a large container so that there is colour consistency.

It is preferable to buy all the paint you need at one time and in the largest possible pack size for convenience and to reduce the chances of slight colour variations between batches

The correct surface preparation is critical to ensure optimum performance of the paint system

Avoid painting during inclement weather

Don't wash, or wet, painted surfaces for 7 days after painting

High humidity will retard the drying and curing

Procedure to change a system from solvent to water based OR water to solvent based.

1. Sand surface slightly with fine sandpaper to break down the existing surface to a matt finish.
2. Dust off any loose dirt contaminants.
3. Clean the surface with soap solution.
4. Rinse well with clean water.
5. Allow the surface to dry completely.
6. Apply one coat of universal undercoat.
7. Apply two coats of the selected top coat (solvent or water based).

SAFETY PRECAUTIONS

For detailed safety information please refer to Material Safety Data Sheet

Keep out of reach of children, flames and sparks

This product is lead free, contains very high levels of VOC

Only use in well ventilated areas and do not eat, drink or smoke whilst using this product

Empty containers are suitable for recycling. But caution must be exercised in the disposal of used containers

DISCLAIMER

Universal Paints cannot be held liable if the product fails due to improper surface preparation or application