

TECHNICAL DATA SHEET

P.DS.096 (JP SERIES) REV03/11/2018

SOLVENT BASED

UNIVERSAL UNDERCOAT



10
YEAR QUALITY
GUARANTEE



Promac Universal Undercoat is a solvent based high quality undercoat that may be used over a wide range of primers to improve the adhesion and bonding between the primer and top coat or between a solvent and water based top coat. It improves hiding properties of the paint system, while providing a sandable surface to ensure a quality finish.

FEATURES & BENEFITS

- Excellent flow and ease of sanding
- Overcoatable with a wide range of water and solvent based Promac top coats
- Provides a smooth base coat for top coat
- Easy brushing a levelling
- Lead free
- High hiding
- Excellent adhesion properties on primed and sealed surfaces
- Intermediate coat

USES

Interior / Exterior

Used as an intermediate coating to improve the adhesion and bonding between a primer and top coat or between a previously painted solvent based top coat followed by a water based top coat. Ideal for use as a general purpose undercoat on previously painted or suitably primed plaster, wood and metal.

COLOUR

White NB: May be tinted with universal colourants to aid the coverage of finishing coats

FINISH

Smooth matt

SPREADING RATE

This product will cover approximately 8 - 10 m² per litre per coat depending on the type of substrate and the surface porosity.

CLEANING

Equipment is readily cleaned using white spirits, brush cleaners, lacquer thinners etc. Cured paint may be removed using RB10 Paint Stripper or Aerosol Paint Stripper

APPLICATION

Stir the contents thoroughly with a flat paddle before use. Apply this product with a quality brush, roller or spray equipment to both smooth and rough surfaces in a well ventilated area. The product is ready for use, should thinning be required, do not exceed 5% dilution with mineral turpentine.

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SURFACE PREPARATION

Clean the surface to be painted to remove all dirt, debris, rust, oil/grease etc. The datasheet for the relevant primer contains de-tails for surface preparation. Alternatively contact Promac Technical Services for advice.

PRIMING

Apply the relevant Promac Plaster Primer for the surface to be painted.

UNDERCOAT

Apply Universal Undercoat by brush or roller to give a uniform finish. Allow to dry overnight. Sand with fine abrasive paper to produce a smooth surface. Two or more coats of undercoat may be used to if maximum surface smoothness is required. Sand each coating to improve surface flatness. Some finishing colours are semi-transparent (e.g. strong bright yellow or red). This is a property of the pigment used to obtain the colour, especially if a tint-base paint is used. To reduce the number of coats of finishing paint, it is recommended that Promac Universal Undercoat is tinted to a similar colour using an oxide-based tinter (e.g. XC - yellow oxide/ochre or XF - red oxide) or to grey using black (tinter XB). This method may also be used to improve coverage over strongly coloured surfaces.

UNDERCOAT

Apply the desired finishing coating (e.g. Gloss Enamel or Eggshell Enamel). If more than one coat is required, allow enamels to dry overnight and the water based paints to dry for 2 hours minimum before repainting.

SURFACES

PRIMER / SYSTEM

Cement plaster, concrete, fibre cement, gypsum plaster, brick surfaces and building boards

Apply one coat solvent based Promac Plaster Primer or water based Promac Plaster Primer Nanotech followed by one coat of solvent based Promac Universal Undercoat and two coats of a water or solvent based Promac top coat.

Wood

Sand wood smooth and remove sanding dust, apply one coat of solvent based Promac Wood Primer followed by one coat of solvent based Promac Universal Undercoat and two coats of solvent based Promac Gloss Enamel.

Metal, steel & galvanised steel

Apply one coat solvent based Promac Plaster Primer or water based Promac Plaster Primer Nanotech followed by one coat of solvent based Promac Universal Undercoat and two coats of a water or solvent based Promac top coat.

SB = Solvent based WB = Water based

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PREVIOUSLY PAINTED SURFACES

Thoroughly clean and prepare surfaces by removing all dust, dirt, grease, mould, grime and flaking paint before starting to paint.

SURFACES

PRIMER / SYSTEM

Cement plaster, concrete, fibre cement, gypsum plaster, brick surfaces and building boards

Spot prime bare cement plaster, concrete, fibre cement, gypsum plaster, brick surfaces and building boards with solvent based Promac Plaster Primer or water based Promac Plaster Primer Nanotech, followed by one coat of solvent based Promac Universal Undercoat and two coats of a water or solvent based Promac top coat.

Wood

Spot prime bare wood with solvent based Promac Wood Primer, followed by one coat of solvent based Promac Universal Undercoat and two coats of a water or solvent based Promac top coat.

Metal, steel & galvanised steel

Spot prime bare metal, steel & galvanised steel with solvent based Promac Metal Etch Primer or water based Promac Metal Primer (two coats at the coast), followed by a coat of solvent based Promac Universal Undercoat and two coats of a water or solvent based Promac top coat.

SB = Solvent based WB = Water based

DO NOT PAINT

1. If the temperature is below 10°C or above 35°C
2. If the surface is damp (Moisture reading above 15%)
3. If it is raining or rain is forecast
4. Before 9:00 and after 16:00 in the winter

HEALTH & SAFETY

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust / fume / gas / mist / vapours / spray. Wash hands thoroughly after handling. Wear protective gloves / protective clothing / eye protection / face protection. Use personal protective equipment as required. Keep paint away from children and animals. Never smoke, drink or eat while painting. Causes mild skin irritation. Toxic to aquatic life. If accidental contact with skin should occur, wash immediately with clean water. Harmful if swallowed. Do not induce vomiting. Consult your doctor. Ensure good ventilation during application and drying. Store in a cool, dry place out of the sun. Dispose of contents / container in accordance with local / regional / national / international regulations.

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DISCLAIMER ADVICE

The information given in this Product Information Sheet is based on controlled laboratory tests and many years of experience. It is given in good faith but no guarantee of any performance characteristic is given or implied. Promac Paints cannot be held liable for consequential damage of whatsoever nature that may arise from the use of Promac products. Paint technology is continuously being developed and Promac Paints reserves the right to update product specifications without prior notice. Contact Promac Paints for further details.

TECHNICAL DATA

POLYMER TYPE	Oil-modified alkyd resin
FILLERS	Non-toxic extenders
PIGMENTS	Lead less than 90 ppm types only
DRYING PROPERTIES	Surface or touch-dry: within 4 hours
RECOATING TIME	16 Hours depending on conditions and film build
FLASH POINT	42°C (Contains flammable solvent)
PACKAGING	5l & 20l
PHYSICAL FORM	Viscous smooth liquid



SAPMA-E



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