



Nutshell Natural Paints Ltd.  
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## NUTSHELL Aqua Gloss White & Colours

Revision: 1.6 2010-03-01

**Product** NUTSHELL Aqua Gloss paint is safe and easy to use, and provides a durable, dirt and water-repellent finish. This paint gives off no harmful emissions. It contains no formaldehyde and has a low odour.

This product does not contain Volatile Organic Compounds (VOC).

**Ingredients** Plant Oils and resins, citrus peel oil, soy lecithin, clay, plant alcohol, titanium dioxide, lead-free drying agents.

**Coverage** 750ml covers approximately 8 - 10 sq. metres.

**Areas of use** Suitable for use on all types of interior and exterior wood and metal. May be safely used on children's toys and furniture. Not for floors or wood in contact with soil.

**Size** Available in 0.75 litre and 2.5 litre tins.

**Preparation** The surface must be clean, free of bleeding substances, use structural wood protection methods.

### Untreated wood, wood based materials:

Round-off corners, clean the surface, sand, carefully remove all dust. For high quality surfaces on smooth woods, first wet with sponge, allow to dry, fine sanding with the grain, brush out pores, carefully remove all the dust and clean. Use only rust-free grinding agents. Remove all substances such as resin and remove damaged wood. Seal open wood composites and any edges of wood based materials watertight.

- **Prime:** with one coat of NUTSHELL Aqua Undercoat.
- **Undercoat:** One coat of NUTSHELL Aqua Undercoat.
- **Finish:** Two coats of NUTSHELL Gloss paint, on smooth, evenly absorbent surfaces, optimum protection is achieved with a paint volume of at least 0.24 L/m<sup>2</sup> for. Between coats, after drying, finely sand using 220 grain or grinding pad.

### Uncoated metal:

Clean the surface and scour carefully with a wire brush, sand with 60-120 grain and remove rust down to the bare metal. Round off corners and remove dust. Do not use rust converters.

- **Prime:** with a suitable water based metal primer.
- **Undercoat:** One coat of NUTSHELL Aqua Undercoat.
- **Finish:** Two coats of NUTSHELL Gloss paint.

### Repainting and Renovation:

Check weathered, damaged and old paint for adhesion and compatibility. Remove flaky paint, old and weathered paint completely to expose the firm wood structure or substrate.



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### Cleaning and Maintenance:

Clean surfaces with lukewarm water only. Do not use alkaline solutions, ammonia, soap solutions or strong abrasive cleaning agents.

### **Application**

- Before application, check substrate for suitability and product compatibility and stir thoroughly before use
- If substrate testing is not feasible, remove the old coat down to the bare wood or intact substrate
- Avoid exposure to direct sunlight, moisture and soiling during processing and drying
- Minimum processing temperature 10 C max, 30 C max 85% rel. humidity, optimum 20-23 C, 50-60% rel. humidity
- Wood moisture content max. 12% in hardwood and 15% in softwood
- Apply successive coats quickly after complete drying of each coat
- Do not expose unfinished coats to weather for long periods
- The degree of gloss varies with the wood type and is reduced in exterior use
- The renovation cycle depends among other things, on the surface wear load and colour selection and may be as long as 5 years or more if the coats are applied properly
- For optimum lasting protection, the surfaces must be checked regularly, at least twice a year and damage repaired immediately
- Depending on the object involved, a shorter renovation cycle may be required. Care and renovation measures increase its life
- Use only sealants and tapes which are compatible with the products
- Use the same treatment for windows and outside doors, interior and exterior
- Do not re-install wooden components, i.e. wooden panels and windows until first topcoat has been put on all sides
- Check fenestration seals for proper function and replace as required
- Allow window frame coats to dry thoroughly before closing windows
- All coating work should be first coordinated with the type of object involved and the use to which it is put

### **Drying Time**

Under normal climatic conditions 23°C and 50% relative humidity:

- Dust dry after approx 8-10 hours, dry and workable after approx 24 hours, fully hardened after 7 days.
- Significant drying delays are caused by high humidity, low temperatures and excessive application volumes.
- Drying is a process of oxygen uptake. Ensure plenty of fresh air during the drying process.

### **Thinning & Cleaning**

No thinning is necessary. Carefully brush out product after use. Clean using soapy water.

# Technical Information Sheet

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### Storage & Handling

Store in a cool, but definitely frost free place, in a well closed container. Always keep container closed and out of reach of children. NUTSHELL products are biodegradable, but PLEASE do not pour the remainder down the drain.

Flash point: Non flammable

Product density: 1.10 - 1.25 kg/litre

Shelf life: approximately 12 months in unopened contain at 18°C.

Viscosity: Approx 30-60 seconds (DIN 6 mm) at 20

### Safety

- As with all paints store well away from children and pets.
- Avoid skin and eye contact. Wash eyes immediately with plenty of water if contact should occur.
- Ensure good ventilation.
- Close lid firmly after use.
- Store and use away from heat and flame.
- Do not eat in the vicinity of work.
- Wash hands after use.

The information given in this Technical Information Sheet and any technical advice - whether verbal, in writing or by way of trials - is for guidance and is given in good faith but without warranty, since skill of application and site conditions are beyond our control. For further information please contact Nutshell Paints at the address shown above. We can accept no liability for the performance of the products arising out of such use, beyond the value of the goods delivered by us. This does not affect your statutory rights.