

# PAINT & PAPER LIBRARY

LONDON

## PRODUCT ADVICE SHEET

# ARCHITECTS' SATIN

A high-performance, self-priming ambient cross-linking water based acrylic satin finish with excellent wash, wear, stain resistance and mild chemical resistance. Highly recommended for wooden furniture and trim on both internal and external applications. Also suitable for well-prepared low traffic floors.

## PROPERTIES

<b>GLOSS LEVEL</b>	<b>THEORETICAL COVERAGE</b>	<b>RECOMMENDED FILM THICKNESS</b>
Semi Gloss (30 to 35%)	13m <sup>2</sup> per litre (varies with surface porosity & texture)	30 microns dry, per coat.
<b>RECOMMENDED NO. OF COATS</b>	<b>SURFACE DRY</b>	<b>TIME TO RECOAT</b>
2	1 hour**	4 hours min**
<b>VOLUME SOLIDS</b>	<b>COLOUR AVAILABILITY</b>	<b>PACK SIZE AVAILABILITY</b>
35%	All Paint & Paper Library colour ranges	750ml & 2.5L

\*\*Complete cure (drying) of the coating can take up to 3-7 days, depending on the film thickness applied and the ambient drying conditions at site. The coating should not be exposed to heavy surface condensation, as can be found in kitchens and bathrooms, before it is completely dry as this can cause permanent surface marking. For significant colour scheme changes undercoating with Architects' A.S.P. is highly recommended.

## APPROVALS & STANDARDS

**QUALITY CONTROL:** Manufactured under the auspices of ISO 9001:2015 quality & ISO 14001:2015 environmental management systems.

**CHILD FRIENDLY:** BS EN71-3:2019 Safety of toys. Specification for migration of certain elements. (Test certificate available upon request)

**VOC CONTENT:** 2004/42/EC EU limit value for this product (cat. A/a WB): 30 g/l (2010). This product contains max.2g/l VOC.

**INDOOR AIR QUALITY:** This product has been tested under the regulations outlined in French Indoor Air Quality Decree No 2011-321 – Arrete April 2011 and was awarded a A+.

**WASH/SCRUB RESISTANCE:** This product has been tested under the regulations DIN EN 13 300 and has been classified; Wet scrub resistance – Class 1. Gloss – Mid Sheen. Contrast Ratio – Class 1. Largest Grain Size – Fine. Theoretical Spreading Rate – 13m<sup>2</sup>/L.

## SURFACE PREPARATION

**NEW WOOD:** For soft woods, knots should be sealed with knotting compound to prevent staining. Ensure moisture content of the timber is below 15% before commencing application. Damp wood should never be painted as this may give rise to blistering, flaking, cracking, and premature coating failure. Green oak should not be painted unless it has been weathered for at least 6 months.

**METALS:** Metalwork should be hand or mechanically cleaned, to remove any surface rust before application of topcoat. Bare or corroded steel will require treating with 2 coats of Paint & Paper Library Architects' A.S.P..

**EXISTING PAINT FINISH:** Remove all loose and flaking paintwork. Degrease with a suitable detergent solution, such as sugar soap, followed by clean water rinse. Rub down thoroughly with a medium grade sandpaper to provide a key and a defect free smooth surface, "feathering in" areas where paint has been removed. High sheen paint surfaces (such as vinyl silks) should be thoroughly sanded to provide a key. Old matt paints exposed to high humidity conditions may have degraded over time and should be treated with a priming coat by thinning with a 20% (v/v) addition of clean water to ensure surface is bound.

**PLASTICS:** For long term performance, clean and thoroughly abrade all surfaces to provide a key for application. For optimum results prime with Paint & Paper Library Architects' A.S.P..

This product is not recommended for painting previously painted lime or other natural plaster.

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## APPLICATION

Stir thoroughly before use. Do not apply to surfaces when the ambient temperature is below 8°C. Additionally, for external application, do not apply if there is a risk of rain or frost during the application or drying periods.

**BRUSHING:** Use a high-quality synthetic bristle brush that is suitably sized for the project at hand. New brushes should be conditioned by washing in clean water and thoroughly drying with a clean, lint-free, cloth.

Avoid immersing brush too far into the paint to prevent paint from entering the ferrule. Avoid drips and splashes by not overloading the brush. Apply paint in even strokes and only extend painting area such that a wet edge can be easily maintained. For the highest quality appearance, keep final brush strokes all in the same direction and never go over paint that has already begun to dry.

For intricate items, or where high ambient temperatures/high air flow conditions cannot be avoided, the open time may be extended with a 10 to 15% (v/v) addition of a proprietary water-based paint conditioner. This advice is also applicable to large flat areas; however, use of a paint roller is the recommended application method in such cases.

Lightly rubbing down between coats will remove any dust motes and other surface contamination, producing a near professional finish.

**ROLLER:** Use a short nap wool blend type sleeve for best appearance on smooth surfaces. Increase nap length for textured surfaces, as appropriate, to ensure even and thorough coverage. Keep final strokes all in the same direction, maintaining a wet edge throughout. Never be tempted to go over already drying paint as this will lead to lap marking and flashing. When high ambient temperatures/high air flow conditions cannot be avoided, the open time may be extended with a 10 to 15% (v/v) addition of proprietary water-based paint conditioner.

### SPRAY FINISHING:

#### Conventional

**Thin with up to:** 40%(v/v) water  
**Tip size:** 1.60 to 2.00 mm (62 to 78 thou)  
**Air pressure:** 0.28 to 0.41 MPa (40 to 60 psi)

#### Airless

**Thin with up to:** 20%(v/v) water  
**Tip size:** 0.28 to 0.54 mm (11 to 21 thou)  
**Pressure at tip:** 12.6 to 19.6 MPa (1800 to 2800 psi)

## CLEANING

Remove excess paint and clean all equipment using clean water immediately after use. Never store brushes or roller sleeves in water as this will result in deterioration of their application performance.

## STORAGE & SHELF LIFE

Store unused paint in a cool, dry, frost free area away from direct sunlight. Ensure tin lids are securely and correctly replaced after use.

When unopened and stored under the conditions above, this product is stable for a minimum period of two years.

## AFTERCARE

**CLEANING:** For light surface soiling, use a dilute, lukewarm solution of domestic washing up liquid and a clean sponge or lint free cloth. Ensure sponge or cloth is wet (but not dripping), wash the affected area and repeat as required.

Ensure radiators are at room temperature before attempting to clean using the procedure above. Cleaning hot radiators may result in localised or uneven polishing of the surface.

To help prevent general build up, keep your home well-ventilated during activities likely to contribute to oil and grease accumulation, like cooking. Tackle dust generated from DIY by, preferably, collecting at source or thorough vacuum cleaning.

To prevent marking, always use a soft brush attachment to vacuum clean adjacent surfaces.

**SPECIAL CARE:** Avoid placing heavy objects onto the surface for a least a week after painting. Bookshelves and other frequent use surfaces may benefit from a very light application of beeswax polish to help prevent marring over the long term.

**REPAIR:** Lightly rub down area to be repainted, apply suitable primer to any exposed substrate. Repaint item "break to break" with one or two coats as required. Spot repairs will almost always result in inferior aesthetic appearance.

**DISPOSAL & RECYCLING:** Dispose of excess or waste paint via a licensed waste handling operator. Empty metal containers may be recycled (remove plastic handle on 2.5L and 5L tins).

**HEALTH & SAFETY:** Always read the label on the can before use. Ensure maximum ventilation during application and drying. Consult product material safety data sheet for further details.

Disclaimer - The information on this data sheet is correct to the best of our knowledge and experience. Paint & Paper Library reserves the right to modify data contained herein, without notice. The information supplied does not absolve users from responsibility to carry out their own tests and experiments, nor does it imply any legally binding assurance of certain properties or suitability for any specific purpose. Conditions of service and application may be beyond our control, so no liability whatsoever can be accepted on the basis of the information supplied herein.

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