

## PV67 HEAVY DUTY VARNISH

A 2 pack fast drying, acid-catalysed varnish for use on flooring and all other interior timber. The PV67 system comprises a satin or gloss varnish base with hardener. It is ideal for use on high traffic areas and work surfaces including bar tops, providing excellent protection against spills, scratches and scuffing.

\*Slip resistant in clean and dry conditions only.

AVAILABILITY	
Colour range	Clear
Packaging	1L (with 0.1L hardener) and 5L (with 0.5L hardener)
PROPERTIES	
Suitable Surfaces	Interior wooden floors and bar tops., including dance floors and sports halls
Drying time @ 20°C/65% RH	First Coat Touch Dry – 30 minutes. Recoat - 1 hour. Subsequent Coats – 3-4 hours Important: If more than 48 hours are left between coats ensure you have referred to 'Drying' section for further preparatory instructions before recoating.
Finish	Satin & Gloss
Composition	Two component acid catalysed lacquer consisting of a modified urea formaldehyde / alkyd polymer dissolved in a special mixture of solvents
Spreading rate	Up to 13m <sup>2</sup> per litre on smooth planed timber per coat. This figure is intended as a guide. The actual coverage will depend on a number of factors, including timber species, surface condition, moisture content, method of application and climatic conditions during application.
Wet film thickness	75 micrometres at 13m <sup>2</sup> per litre
Dry film thickness	30 micrometres at 13m <sup>2</sup> per litre
Volume solids	41%
Flash point	Varnish <21oC, Hardener <31oC
VOC content	EU limit value for this product (cat.A/j): 500 g/l (2010) This product contains max. 499 g/l VOC
Limitations	Knotting agents should not be used with Sadolin varnish systems. Do not apply over floors that have been bleached.
PREPARATION	
General Timber Advice	Timber surfaces must be suitably prepared. The moisture content should not exceed 14% prior to coating. Resinous deposits should be removed. Degrease any exposed bare timber by wiping with cloth dampened with methylated spirits. Use <b>Sadolin Woodfillers</b> to make good any minor surface defects. General or all purpose fillers are not suitable. We recommend the use of non-ferrous screws, nails and fixings.
Colour Guidance	The final colour and sheen of translucent coatings are dependent on timber species, colour, cut and presence of existing coating amongst other factors. We recommend a trial application in an inconspicuous area prior to commencement of work, to check for colour accuracy. Always intermix (box) packs for colour consistency. Crown Paints is not liable for decorating costs caused as a result of an incorrect colour being applied.
Newly Laid Bare Timber Flooring	Newly laid timber flooring must be allowed to settle and to adjust to the temperature and relative humidity of the room which will cause expansion and contraction. This can take several days. Once the floor has settled follow instructions as per New Timber below.
New Timber	Remove any remaining residues on the surfaces to be decorated. Machine-sand where applicable to make the surface smooth and remove irregularities. Finish with a fine grade abrasive paper and vacuum clean the surface thoroughly (do not leave dust in cracks). Treatments such as sanding may generate hazardous dust. Work in well ventilated areas.



P O Box 37, Crown House, Hollins Road, Darwen, Lancashire, BB3 0BG. Tel: 01254 704951

Crown Paints Ireland Ltd, Unit 8A, Coolmine Central, Porters Road, Coolmine Ind Est, Dublin 15, D15 AX9A. Tel: 00353 1 8164400

# TECHNICAL DATA SHEET



	Use suitable (respiratory) protective equipment. Degrease the exposed bare timber surface by wiping with a clean, lint free cloth, moistened with methylated spirits frequently changing the face of the cloth. Allow to dry. If the wood requires staining apply only one coat of <b>Sadolin Classic</b> , which is low build and allow to dry for 3-5 days before the applying <b>PV67 Heavy Duty Varnish</b> . If using a stain other than Sadolin Classic we recommend a test area first to ensure compatibility.
Previously Coated Timber	<p><b>If floor is coated with anything other than PV67:</b> Remove coating and proceed as 'New Timber'. Remove by use of chemical strippers and/or sanding. Treatments such as sanding and burning off paint films may generate hazardous dust and/or fumes. Work in well ventilated areas. Use suitable (respiratory) protective equipment. Proceed as for bare timber flooring.</p> <p><b>If the floor is coated in only Sadolin PV67:</b> Coatings in poor condition or where there is localised damage should be removed completely to remove the defective coating layer and proceed as "New Timber". Remaining sound surfaces should be cleaned using warm water and a mild detergent and rinsed thoroughly with clean water. Allow to completely dry. Degrease surface by wiping with a clean, lint free cloth, moistened with methylated spirits frequently changing the face of the cloth. Allow to dry. Sand lightly in the direction of the grain using fine grade abrasive paper (P240 or finer) or fine grade nylon abrasive pad, remove dust. Do not break through the surface of the coating. Leave overnight for the surface to condition prior to over lacquering.</p>
<b>COATING SYSTEM</b>	3 coats of <b>PV67</b> (mixed in accordance with manufacturers' instructions) on bare smooth planed timber. Pine with a large amount of heartwood may acquire a reddish tinge from acid catalysed lacquers.
<b>APPLICATION</b>	
Conditions	Do not apply when temperatures during application and drying will be below 10°C or above 30°C or relative humidity is above 80%. Recommended application and drying temperatures are between 18°C and 25°C with a relative humidity not above 65%. Warm and dry weather conditions assure proper drying / curing. Excessive humidity or low temperature will affect the chemical reaction in the finish causing incomplete drying/curing. If there is any doubt regarding the level of humidity present, a dehumidifier should be used prior to, during and immediately after application of <b>PV67</b> . Good airflow and ventilation are essential, there must be good ventilation at ground level during and after application. Where air circulation is poor, we recommend the use of electric fans to assist air movement. Do not direct drafts at the surface.
Product preparation	Shake each individual container well before mixing, ensuring that caps/lids are secured tightly. Add 10 parts by volume of Varnish to 1 part by volume Hardener into an acid and solvent resistant container. As the hardener contains acid the container should be made of plastic, glass or an undamaged enamel vessel. Do not use metal. Stir the mixture thoroughly but carefully to avoid forming air bubbles in the mixture. Stir periodically during application. <b>The mixture can be stored for up to 3 hours in a closed container at 20°C however we strongly recommend only mixing sufficient material for individual coats at any one time.</b> An increase in temperature will reduce this time. Do not use after 3 hours. <b>PV67 Heavy Duty Varnish</b> is ready for use in its combined form and does not require thinning. Do not over or under dose hardener. The exact amount is very important.
Application	Apply with a soft bristle brush or short pile roller. Clean application tools must be used. Pre wash and allow to dry all application tools to remove any loose hairs / flock prior to application. With brush: apply evenly and slowly to avoid the formation of air bubbles.



P O Box 37, Crown House, Hollins Road, Darwen, Lancashire, BB3 0BG. Tel: 01254 704951

Crown Paints Ireland Ltd, Unit 8A, Coolmine Central, Porters Road, Coolmine Ind Est, Dublin 15, D15 AX9A. Tel: 00353 1 8164400

# TECHNICAL DATA SHEET



	<p>With a roller or applicator: Use a roller tray. Roll/spread outwards from the point where the finish has been deposited. Then roll / spread across at right angles to give an even build. Each coat should be applied at 75 micrometres wet film thickness. Do not over brush or roll. Allow first coat to dry as per time highlighted. Sand lightly in the direction of the grain using fine grade abrasive paper (P240 or finer) or fine grade nylon abrasive pad, remove dust and apply a second coat. Do not break through the surface of the coating. Apply a third coat after the second is dry. It is not normally necessary to sand between the second and third coats.</p>
Drying	<p>If leaving/recoating after more than 48 hours, it is <b>essential</b> to lightly abrade the surface to remove surface gloss and leave overnight for the surface to condition prior to over lacquering.</p> <p>Do not allow heavy traffic for at least eight hours after final application.</p> <p>Do not install furniture until 24 hours after final application.</p> <p>Do not install rugs until one week after application.</p>
CLEANING	<p>Clean brushes and equipment with a proprietary brush cleaner immediately after use. If spilled, <b>PV67 Heavy Duty Varnish</b> should be removed immediately while still wet, using clean cellulose thinners or methylated spirits. Dispose of any unused mixture carefully. If unable to clean thoroughly then dispose of mixing container after use</p>
MAINTENANCE INFORMATION	<p>Newly applied surfaces should be allowed one week complete curing time before any cleaning is undertaken. Do not clean with wax polishes, strong detergents or caustic soda. Clean down with mild detergent and water is all that is required. Do not flood the surface with water. The surface should then be buffed with a dry cloth or mop to restore the sheen.</p>
HEALTH AND SAFETY	<p>Please refer to the Safety, Health and Environmental Information on the container. Take special precautions during the surface preparation of pre 1960's painted surfaces as they may contain harmful lead. When preparing the surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask.</p> <p>Material Safety Data Sheets for this and all other Sadolin products are freely available from the place of purchase or the address below, or visit <a href="http://sadolin.co.uk">sadolin.co.uk</a></p> <p>Do not empty into drains, watercourses or access routes to septic tanks.</p>
STORAGE	<p>Store upright and secure. Store in secure dry conditions inaccessible to children or animals. Containers should be kept closed during storage. Do not store below 5°C or above 40°C.</p>
GENERAL INFORMATION	<p>Apply all products in accordance with:</p> <p>BS 6150: Painting of buildings. Code of practice.</p> <p>BS 8000-12: Workmanship on construction sites. Code of practice for decorative wallcoverings and painting</p> <p>Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate. Crown Paints is unable to guarantee results as it has no control over the conditions under which its products are applied.</p> <p>Before using this product, please ensure you have the latest information. For help or more information contact the Sadolin Customer Relations Team on:</p> <p>Tel: 0330 024 0298</p> <p>e-mail: <a href="mailto:info@sadolin.co.uk">info@sadolin.co.uk</a></p> <p>website: <a href="http://www.sadolin.co.uk">www.sadolin.co.uk</a></p> <p>This information is correct at date of issue December 2021.</p>



P O Box 37, Crown House, Hollins Road, Darwen, Lancashire, BB3 0BG. Tel: 01254 704951

Crown Paints Ireland Ltd, Unit 8A, Coolmine Central, Porters Road, Coolmine Ind Est, Dublin 15, D15 AX9A. Tel: 00353 1 8164400