

### TECHNICAL DATA SHEET

TDS: CVP101POLY

## P101 2 PACK POLYURETHANE VARNISH

150/P101/POLY

### DESCRIPTION:

Coo-Var P101 2 Pack Polyurethane Varnish is a clear aliphatic polyurethane coating which provides a hard wearing protective coating for wooden floors, inside or outside.

### RECOMMENDED USE:

Coo-Var P101 2 Pack Polyurethane Varnish is used on wooden floors which experience heavy foot traffic. Is ideal for gymnasiums, dance floors or anywhere a hard wearing finish is required.

### AVAILABILITY:

5 litre mixed packs

### FINISH:

High Gloss

### COLOUR:

Clear

### TYPICAL S.G. (SPECIFIC GRAVITY):

1.07 @ 20 °C

### VOLUME SOLIDS:

47%

### WET FILM THICKNESS W.F.T

125 microns

### DRY FILM THICKNESS D.F.T

60 microns

### EXPECTED SPREADING RATE:

8 sq.m / litre

@ 60 microns D.F.T

The practical spreading rate may be lower as this depends on factors such as the porosity and roughness of the surface to be painted and material losses during application.

### TYPICAL VISCOSITY:

N/A

### FLASH POINT:

40 °C (closed cup)

### CURE TIME: @ RECOMMENDED D.F.T

Initial cure: 3 to 4 hours @ 20 °C

Hard dry: 16 to 24 hours @ 20 °C

Full cure: 5 to 7 days @ 20 °C

Low temperature and high humidity will adversely affect application, curing and performance of any coating.

### POTLIFE:

6 to 8 hours @ 20 °C

**Pot Life - Once the parts are mixed together the material has to be used within the time stated.**

### MINIMUM OVERCOATING TIME:

Minimum 16 hours

### APPLICATION SPECIAL CONDITIONS:

See Application Conditions.

### VOC CONTENT:

Max 498 g / litre

VOC's (Volatile Organic Compounds) contribute to atmospheric pollution

### APPLICATION DETAILS:

Application See Application Conditions.  
restrictions

Method: Brush or short nap mohair roller. Airless Spray

Thinner Do Not Thin. Do Not Thin.  
(Max vol):

Nozzle size: 0.013"

For further advice contact Coo-Var Technical Services on +44(0)1482 328053

The physical constants are subject to normal manufacturing tolerances.

**"COVERING OUR CUSTOMERS' NEEDS SINCE 1908"**

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**P101 2 PACK POLYURETHANE VARNISH**

**150/P101/POLY**

Nozzle pressure: 1800 to 2000 psi

Cleaning solvent: P101 Brushwash

Recoat interval: Minimum 16 hours      Maximum 72 hours

and site conditions.

**PRECEDING COAT:**

Apply direct.

**SUBSEQUENT COAT:**

Coo-Var P101 2 Pack Polyurethane Varnish

**REMARKS:**

Not for use over conventional solvent based paints or varnishes. PTV Results 69 Dry – Low Risk, 11 Wet – High Risk. These products have been independently tested under laboratory conditions. A site assessment is an important component in determining the slip risk of any given floor; the environment, contamination substances, types of footwear and likely pedestrian behaviour can all affect the actual figures achieved during application. An onsite verification may be necessary to determine actual values. For further information please contact our Technical Services department.

**SURFACE PREPARATION:**

All surfaces should be clean, dry, sound and free from contaminants. Wood should be sanded prior to coating to ensure an adequate "key" is produced. Not for use over conventional solvent based varnishes.

**MIXING INSTRUCTIONS:**

The product is supplied in two containers: one larger than the other and labelled Base. The other smaller one labelled Activator. The contents of the pack marked Activator are added to the contents of the larger pack marked Base and thoroughly mixed together, preferably by slow speed electric mixer for 2 minutes or until thoroughly mixed. Failure to mix the material correctly will lead to uncured areas in the coating.

**HEALTH AND SAFETY:**

For hardener see safety data sheet - SDS 10750.  
For base see safety data sheet - SDS 10749.

**APPLICATION CONDITIONS:**

Apply within 5 to 30°C by brush or short nap mohair roller. This product can also be spray applied in approved conditions. When brush or roller applied at ambient temperatures - these products do not emit free Isocyanate at above levels recommended by C.O.S.H.H. Regulations. However, the protective measures shown on the product labels and safety data sheets must be followed. When used at elevated temperatures or atomised (sprayed) these products do emit small amounts of free Isocyanate and should only be sprayed in an atmosphere controlled working area, with suitable ventilation or flame proof extraction of air. Operatives must wear suitable protective clothing and separate air fed breathing apparatus. It is recommended that spraying of these products be avoided wherever possible to facilitate uncomplicated application

**ISSUED:**

20 October 2020

**REVISION:**

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The information given in this data sheet is based on experience and is accurate to the best of our knowledge. No guarantee should be implied, however, as the conditions of use are beyond our control. This data sheet does not constitute a specification. In case of doubt as to the suitability of the product please contact our Technical Service Department on 01482 328053.

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