



05/2023 Issue 5 – REF: STLVP

## PRODUCT DESCRIPTION

SofTop™ LVP is a low viscosity, two component flexible polyurethane based primer.

### ADVANTAGES

- Low viscosity
- Excellent substrate penetration
- Seals pores and capillaries
- Easy to apply
- Excellent adhesion
- Degree of flexibility

### RECOMMENDED USE

- As a primer for Sherwin-Williams SofTop products.

## PRODUCT DATA

**Volume Solids:** ~ 95%

**VOC:** <10 g/l mixed

**Colours:** Amber

**Finish:** Gloss

**Flash Point:** N/A

**Cleanser/Thinner:** Do not thin  
Cleaning with RS Polysolvent only

**Pack Size:** 16 kg

**Pack Weights:** 11 kg base/5 kg hardener

**Mixing Ratio:** 2.2 parts base to 1 part hardener by weight only

**Mixed Density:** ~1.06 kg/l

**Shelf Life:** 12 months (Base and Hardener)  
when stored in unopened containers

**Storage:** Keep out of direct sunlight.  
Store in a dry place, between 5°C to 30°C

**Recommended Application Methods:** Roller, brush or squeegee

### Typical Properties at 20°C:

#### Cure Times

Minimum recoating intervals:  
12 to 24 hours or once surface has lost tackiness  
Light Traffic: 12 hours  
Full Traffic: 72 hours  
Full Chemical Cure: 7 days

**Pot Life:** 30 minutes from mixing

Pot life refers to the usable working life of the material following mixing and immediate application. If product is left in the container after mixing and not used, hazardous fumes may be released due to an exothermic reaction.

**Typical Consumption:** 0.3 kg/m<sup>2</sup>- 0.5 kg/m<sup>2</sup>

The coverage rate will vary depending on the texture and porosity of the substrate, site conditions, film thickness and method of application.

## SURFACE PREPARATION

Concrete substrates must be sound with a minimum compressive strength of 25 N/mm<sup>2</sup>, a minimum tensile strength of 1.5 N/mm<sup>2</sup> and a relative humidity at the surface of no more than 75%.

It is essential that all laitance, surface sealers and curing membranes and any surface contamination, such as oil, grease and dirt, existing coatings and loose material is removed by suitable mechanised equipment. Grinding or light contained shot-blasting to CSP 1-3, for detailed information, refer to ICRI Guideline No.310.2R-2013, should be used for the thinner synthetic flooring types to ensure that the profile does not reflect in the finish.

After surface preparation, all loose debris and dirt should be removed using vacuum equipment.

Weak concrete must be removed, and local repairs carried out.



# SOFTOP™ LVP

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## APPLICATION CONDITIONS

The recommended application temperatures of the areas should be kept between 15 - 30°C throughout the application and the curing period, otherwise this could have an adverse effect on the appearance and colour of the system. Surface temperature must be above 10°C. The substrate and uncured floor must be kept at least 3°C above the dew point to reduce the risk of condensation forming.

Applied coating should be protected from moisture during application and during the curing period. Exposure to moisture during this time can cause surface and colour variations.

## RECOMMENDED SYSTEMS

Suitable as a primer to Sherwin-Williams SofTop products.

Where the Relative Humidity of a substrate exceeds 75% ERH Resuprime™ MVT may be used, please contact Sherwin-Williams for a specification.

For further information please refer to recommended individual product data sheets.

## MIXING AND APPLICATION

### Mixing:

Materials should be pre-conditioned at 15°C to 25°C prior to use. Mix the entire contents of the base component with the hardener component using a low speed electric mixer (300 to 400 rpm) for 1 to 2 minutes until homogeneous.

### Application:

The mixed unit should be applied immediately by roller, brush or squeegee with a consistent procedure.

## WARRANTY

Any person or company using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk, and Sherwin-Williams can accept no liability for the performance of the product, or for any loss or damage arising out of such use.

The information detailed in this datasheet is liable to modification from time to time in the light of experience and normal product development, and before using, customers are advised to check with Sherwin-Williams, quoting the reference number, to ensure that they possess the latest issue.

## DISCLAIMER

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative to obtain the most recent Product Data Information and Application Bulletin.

## HEALTH AND SAFETY

Consult Safety Datasheet for information on safe storage and handling of this product.

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**BS EN 13813 SR B3.0**

Resin coating/screed for use inside buildings as per data sheet

**Bond strength**

B 3.0