

ACRYLIC CONCRETE LACQUER

INTRODUCTION

A rapid drying acrylic sealing lacquer for application to concrete flooring and driveways, to give an aesthetically pleasing finish whilst reducing degradation of the substrate due to water ingress and freeze-thaw action. This product will also reduce dirt retention and dusting of the substrate, and may also be used for sealing of dusty concrete flooring. The range of acrylic concrete lacquers are based upon a highly durable acrylic resin system which exhibits good weathering and mechanical properties and is resistant to petroleum spirit and lubricating oil contact

AVAILABILITY

V1105 Clear Glossy V1119 Clear Matt V1121 Clear Glossy
(when applied to non-porous substrates).

COMPOSITION

Thermoplastic acrylic polymer carried in an aromatic solvent system

APPEARANCE WHEN CURED

Translucent as per sheen level

SHELF LIFE

12 months in original unopened vessel

SOLIDS BY WEIGHT

19 - 21%

FLASH POINT

26°C (Abel Closed Cup)

VISCOSITY AS SUPPLIED

0.5 Poise (max) BS 3900 Part A7

SPECIFIC GRAVITY

0.86 - 0.96

SUBSTRATE PREPARATION

All concrete substrate to be in a dry sound condition free from dirt, oil, grease, efflorescence salts and other debris and contaminants that may impair sealer application and subsequent drying. Maximum substrate moisture content of 5% is advised.

APPLICATION

May be applied by brush or roller. If applied by spray, care must be taken to ensure adequate substrate wetting and the need to contain the possible contamination of the surrounding environment. The sealer should be applied at sufficient volume to ensure that substrate absorption is complete. This may be achieved in a multicoat application to ensure uniform drying characteristics and reduce the possibility of solvent entrapment. However care must be taken not to achieve an excessive film build which may result in a slippery substrate when wet. When applying the sheen variants of the product it is advised that it is applied over the clear V1105 which has been utilised to remove the initial porosity of the substrate.

Care must also be taken to ensure that the substrate is adequately dry prior to application of the sealer to avoid any "milky" discoloration of the sealer and avoid liquid moisture entrapment, which may result in coating detachment.

DRYING TIME

Touch dry 20-40 minutes at 20°C.

Dry for recoating 60 minutes at 20°C.

Hard dry 8-12 hours.

Dry for vehicular traffic 24 hours in favourable drying conditions is recommended

Drying times will vary considerably with temperature, humidity, air movement, and film thickness.

Application and subsequent drying is not advised if precipitation is forecast

COVERAGE

Coverage will vary considerably with surface profile and porosity. Typical coverage will be in the region of 6 - 9 square metres per litre

OVERCOATING

Overcoating may be carried out after a minimum of 60 minutes in favourable drying conditions. There is no maximum overcoating interval. However the area to be overcoated must be clean dry and free from all contamination. Care must be taken not to apply an excessive film build.

SOLVENT FOR THINNING AND CLEANING EQUIPMENT

800/002 Thinners.

Thinning not normally recommended. However if applying in hot conditions the sealer may be thinned up to 20% by volume in order to aid substrate penetration.

HEALTH AND SAFETY INFORMATION

This Data Sheet should be read in conjunction with Product Safety Data Sheet. 128

ADDITIONAL INFORMATION

Crosbie Coatings Limited believe that the aforementioned information is to the best of our knowledge correct but no responsibility can be held for conditions of use beyond our control. Should there be any query as to the suitability for use please do not hesitate to contact the Technical Department of Crosbie Coatings Limited.