

DESCRIPTION

EP ADDALEVEL SL2K is a pigmented, seamless flow applied flooring system based on high solids, two-part epoxy resin incorporating special fillers. **EP ADDALEVEL SL2K** provides a smooth, impervious, hard wearing gloss surface, ideal for areas where hygiene, durability and the ability to be easily cleaned is of importance. It is intended for use on new and old concrete floors for thickness >2mm. Typical areas of use are industrial premises, warehouses, process areas, pharmaceutical industries, clean rooms and hangar floors.

SURFACE PREPARATION

The surface to be treated should be free of laitance, oil, grease and loose friable particles which could affect adhesion. Vacuum assisted shot blasting or grinding of the surface is recommended.

The substrate must have a maximum of 4% moisture content and be protected any moisture ingress from underneath. Please refer to **EP Addaprime** data sheet for further information on preparation and application details.

MIXING


EP ADDALEVEL SL2K is supplied in units ready to use comprising 'A' (Resin) and component 'B' (Hardener). First stir thoroughly contents in container 'A' to a homogenous consistency then scrap contents of 'B' into container 'A' and mix thoroughly for several minutes using a low speed electric drill. Use protective gloves and goggles. Failure to mix thoroughly will result in poor or non-cure applied material. Keep all components at room temperature 24 hours before use.

APPLICATION

The temperature of the substrate must be 3 degrees above the dew point temperature. See Addagrip Dew Point table. **EP ADDALEVEL SL2K** should not be applied at temperatures below 10°C nor above 30°C. Relative humidity should not exceed 80%. Apply the mixed **EP ADDALEVEL SL2K** immediately by serrated trowel, floor finish scraper or squeegee on to the prepared surface. Particular attention should be given to areas around obstructions and protrusions making sure that all the surfaces are covered. To ensure no air bubbles are present in the coating it is suggested to also spike roller the coating.

TECHNICAL DATA

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|------------------------|--------------------------------------------------------|
| PRODUCT: | Two-component solvent-free pigmented epoxy resin |
| DENSITY: | 1.65-1.75g/cm ³ |
| COLOUR: | Various |
| VOC CONTENT: | <200g/l |
| FINISH: | Gloss |
| MIXING RATIO: | 17.25 : 2.75 parts by weight |
| POT LIFE: | Approx. 40 mins @ 20°C |
| COVERAGE: | Approx. 3.2Kg/m ² @ 2mm |
| CURING TIME: | Initial cure 10-12 hours @ 20°C. Full cure 7 days. |
| SLIP POTENTIAL: | Low when dry, high when wet. (Slider 96) |
| PACKAGE: | 20kg units |
| STORAGE: | Store at 10-25°C in a dry place |
| SHELF LIFE: | 12 months from date of manufacture. See product label. |

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| Addagrip Terraco Ltd, Bell Lane Industrial Estate, Uckfield, East Sussex, TN22 1QL | |
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| EN 13813 SR-AR0.5-IR>9.8-B2.0 Synthetic resin screed material for use internally in buildings | |
| Reaction to fire: | C _{fl} -s1 |
| Release of corrosive substances: | SR |
| Wear resistance: | AR0.5 ¹ |
| Bond strength: | B>3.0 ² |
| Impact resistance: | IR>9.8 |
| Compressive strength: | NPD ³ |
| Flexural strength: | NPD ³ |
| Surface hardness: | NPD ³ |
| Resistance to rolling wheel with floor covering: | NPD ³ |
| Shrinkage and swelling: | NPD ³ |
| Consistency: | NPD ³ |
| pH value: | NPD ³ |

1) Determined according to BCA method.

2) Coating did not disbond from concrete.

3) NPD: Characteristic value not specified.

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SEALING

To achieve a matte finish, it is recommended to use two coats of a matte seal coating. Prior to application of a seal coat; the **EP ADDALEVEL SL2K** must be sanded and any particles vacuumed away.

CLEANING OF TOOLS AND HANDS

Tools, brushes etc. should be cleaned immediately after use in **Addagrip Solvent Mix**. Cleaning of hands, use **Addagrip Organic Hand Cleaner**.

DISPOSAL CONSIDERATIONS

Normally the Part A resin will be mixed in its own container with Part B. When this is done correctly the resultant material in the pot is inert and the label must be defaced. The container and remnant may be disposed of as normal industrial waste.

Please consider the regional or national regulations regarding disposal.

HEALTH AND SAFETY PRECAUTIONS

Before using this product, please ensure you have been supplied and have read carefully the following:-

1. The hazard label (complying with CLP – European Regulation (EC) No. 1272/2008 on Classification, Labelling and Packaging of substances and mixtures) applied to the container.
2. Material Safety Data Sheet

HOW TO SPECIFY

EP ADDALEVEL SL2K is manufactured by Addagrip Terraco Limited, Addagrip House, Bell Lane Industrial Estate, Uckfield, East Sussex TN22 1QL

It is to be used to..... (give details of project and number of coats required). Mixing and application of the product must be carried out in accordance with the manufacturer's instructions. Addagrip Terraco Limited products are sold subject to the company's Terms and Conditions of Sale, a copy of which is available on request. Whilst Addagrip endeavours to ensure that advice, specifications, recommendations and information given is correct, it cannot have control over how its products are applied and will not accept liability, directly or indirectly, arising from application of its materials. Any advice, recommendation or information given by Addagrip Terraco Limited is based on practical experience and is believed to be accurate at the time of publication; no liability or responsibility of any kind (including liability for negligence) is accepted in this respect by the company, its Servants, or Agents. The figures quoted do not constitute a specification. They represent typical values obtained for this product.

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