

OVERVIEW

EP ADDAGRIP 1000 SYSTEM is a two-part, deep penetrating epoxy resin designed to seal and protect concrete pavements from erosion caused by frost damage, chemical attack or aviation fuel spillage etc.

PREPARATION OF SURFACE

The efficiency of the EP ADDAGRIP 1000 SYSTEM is dependent on the preparation of the surfaces. All surfaces to be treated must be thoroughly cleaned and any contamination must be driven out to allow the resin to penetrate and key into the treated surfaces. Controlled hot compressed air is the ideal surface preparation method. Shot blasting or scarifying are alternative methods of preparation.

MIXING & APPLICATION

EP ADDAGRIP 1000 SYSTEM is supplied in units ready to use, comprising of Part 'A' (Resin) and Part '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 cured material. Keep all containers at room temperature 24 hours before use.

The temperature of the substrate must be 3 degrees above the dew point temperature of the atmosphere. See Addagrip Dew Point table for assistance. EP ADDAGRIP 1000 SYSTEM should not be applied at temperatures below 5°C nor above 30°C. Relative humidity should not exceed 80%.

Apply the mixed EP ADDAGRIP 1000 SYSTEM immediately by roller or serrated squeegee onto the prepared surface.

EP ADDAGRIP 1000 SYSTEM treated surfaces must be thoroughly swept/vacuumed on completion. Further sweeping/vacuuming will also be required until the initial shedding of aggregate has been exhausted. The installing contractor will generally carry out the first main sweep/vacuum only.

Note:

The colour and textures of natural aggregates may vary from batch to batch. Small particles of iron may be present in natural aggregates that could lead to possible rust spotting/staining.

HEALTH & SAFETY

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. Safety Data Sheet
- Avoid prolonged contact with eyes and skin. For detailed information refer to relevant safety data sheet.

PACKAGING & STORAGE

Packaged in 10kg and 1000kg units. Store containers in a clean dry area protected from direct sunlight and extreme heat and cold. Unopened containers can be stored for 12 months. Use oldest material first.

CLEANING OF EQUIPMENT & SKIN

Tools, brushes etc... should be cleaned immediately after use in Addagrip Solvent Mixture. For cleaning of hands/skin, use a deep cleaning soap with water. Please note if a rash appears seek medical attention.

DISPOSAL CONSIDERTIONS

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 container is inert and the label must be defaced. The container and remnant may be disposed of as normal industrial waste. Any uncured material must be disposed as hazardous waste. Please consider the regional or national regulations regarding disposal.

TECHNICAL DATA

Product	Solvent free epoxy resin
Density	1.10g/cm ³
Application Temperature	+5°C to 30°C
Surface Temperature	Must be 3°C above the dew point temperature.
Pot life at 20°C	Approx. 30 minutes
Initial cure at 20°C	4-6 hours
Full Chemical Cure	7 days
Material Consumption/Coverage	From 900g per m ²
Tensile strength	35N/mm ²
Elongation	5%
Packaging	Supplied in 10kg and 1000kg units (1.94:1 mix ratio by weight)
Storage	12 months in original unopened containers.

For technical enquiries please contact your nearest representative:

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