

## OVERVIEW

EP ADDAGRIP HD MORTAR is a solvent free three-part epoxy resin mortar. It has a wide variety of uses but is particularly suited for levelling or patching concrete floors, prior to over coating. When fully cured, EP ADDAGRIP HD MORTAR is a hard inert material offering excellent adhesion and mechanical properties.

## PREPARATION OF SURFACE

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 against any moisture ingress from underneath.

It is highly recommended to prime the surface before application. Please refer to EP Addaprime data sheet for further information on preparation and applications details.

## MIXING & APPLICATION

EP ADDAGRIP HD MORTAR is supplied in units ready to use, comprising of Part 'A' (Resin), Part 'B' (Hardener) and Part 'C' (Filler). The contents of container labelled Part 'B' (Hardener) should be added to container labelled Part 'A' (Resin) and thoroughly mixed together using an electric paddle mixer or similar. The mixed resin should then be loaded in to a rotary drum mixer or similar and filler Part 'C' added in stages to achieve a uniform mixture. Failure to mix thoroughly will result in poor or non-cure applied material. Keep all components at room temperature 24 hours before use.

The temperature of the substrate must be 3 degrees above the dew point temperature of the room. See Addagrip Dew Point table for assistance. EP ADDAGRIP HD MORTAR should not be applied at temperatures below 10°C nor above 30°C. Relative humidity should not exceed 80%.

Apply the mixed EP ADDAGRIP HD MORTAR immediately by steel trowel onto the prepared surface. Particular attention should be given to areas around obstructions and protrusions making sure that all surfaces are covered.

## 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 25.75kg 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	3 part heavy duty epoxy mortar
Bulk Density	1.85g/cm <sup>3</sup>
Colour	Buff
Application Temperature	+10°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	6-8 hours
Full Chemical Cure	7 days
Material Consumption/Coverage	A 25.75kg unit of EP ADDAGRIP HD MORTAR applied at a nominal thickness of 6mm will cover 1.95 sqm or 3.9 sqm at 3mm
Packaging	Supplied in 25.75kg units (2kg A: 1kg B: 22.75kg C)
Storage	12 months in original unopened containers.

## CE MARKING

<b>CE</b>	
Addagrip Terraco, Bell Lane Industrial Estate, Uckfield, East Sussex, TN221QL	
<b>14</b>	
<b>EN 1504-3</b>	
<i>Non-structural repair PC mortar for concrete</i>	
Compressive strength:	class R2
Chloride ion content:	<0.005%
Adhesive Bond:	>2.0MPa
Thermal compatibility, part 1:	>0.8MPa
Skid resistance:	Class III
Capillary Absorption:	<0.5 kg.m <sup>-2</sup> .h <sup>-0.5</sup>
Dangerous substances:	comply with 5.4
Reaction to fire:	B <sub>fl</sub> -s1

For technical enquiries please contact your nearest representative:

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