M60 PAINTING/CLEAR FINISHING

110 MASONRY REPAIR/ PAINT – PREVIOUSLY PAINTED/UNPAINTED SURFACES:

KEIM CONCRETAL C SYSTEM

A silicate based anti-carbonation paint system which provides long-term decoration and carbonation resistance and is available in a wide range of standard colour shades and special colour mixes. Keim Concretal C is suitable for both internal and external application and can be applied onto existing previously painted surfaces as well as unpainted/new substrates.

Manufacturer: Keim Mineral Paints Limited, Santok Building, Deer Park Way, Telford, Shropshire TF2 7NA T: 01952 231250 F: 01952 231251 E: sales@keimpaints.co.uk

REFERENCE: KEIM CONCRETAL C SYSTEM

Preparation:

Any loose, flaking and unstable material must be identified and then thoroughly removed using stiff brushes and broad bladed scrapers to get back to a sound edge; these edges should then be feathered in. Ensure that any paint materials left remaining and the underlying substrate is sound and adhering well. Any gloss or shiny surfaces should be thoroughly flatted down using sand or emery paper to create a good key.

Keim Spachtel

Silicate based paste filler for all mineral substrates. Any cracks or where there is a need to equalise the surface should be filled using Keim Spachtel, brush or trowel applied to a pre-wetted surface and dressed back to the required level.

Any new/repaired surfaces should be left for a minimum period of 15 days prior to the application of Keim Mineral Paints.

All surfaces must be thoroughly washed down with clean cold water to remove all surface dirt and dust. When all surfaces are clean, sound, wind dry, dust free and free from all surface contaminants, decoration using Keim Mineral Paints may proceed.

Initial Coat(s):

Keim Concretal C

Keim Concretal C in the chosen colour, thoroughly mixed beforehand using a mechanical mixer, should be applied undiluted, by brush or roller and worked well into all surfaces.

Finishing coat(s):

Keim Concretal C

After a minimum period of 12 hours a final coat of Keim Concretal C shall be applied in a like manner. A wet edge should be maintained at all times during application and contractors should work to a natural break-line.

IMPORTANT INFORMATION REGARDING STANDARD KEIM SPECIFICATIONS

We have taken every care to ensure that specifications are accurate, if there is any doubt about how to deal with a specific problem or the most suitable products to use, please contact us.

Specifications downloaded from the Keim Mineral Paints website are standard specifications to cover general circumstances and may not be suitable for every situation. Dedicated project specific specifications and product advice can be obtained by contacting sales@keimpaints.co.uk or 01952 231250.

It is essential that each stage of the specification is complied with, including level of preparation and drying times between coats, to ensure the best performance from the system applied. All products should be applied in accordance with the specification and relevant datasheets.

GENERAL INFORMATION RELATING TO THE APPLICATION OF KEIM COATINGS

- All surfaces to be decorated should be free from surface contaminants, sound, dry and dust free.
- Any loose, flaking and unstable material must be identified and then thoroughly removed using stiff brushes and broad bladed scrapers to get back to a sound edge; these edges should then be feathered in. Ensure that any paint materials left remaining and the underlying substrate is sound and adhering well.
- Caution should be taken with the removal of any pre 1960's coatings as they might contain harmful lead.
- Any gloss or shiny surfaces should be thoroughly flatted down using sand or emery paper to create a good key.
- If the surfaces are being chemically stripped, ensure that they are thoroughly washed down of all residues before decoration. Due to the potential for an osmotic drawing reaction which can bring contaminants to the surface, we do not recommend the use of poultice based strippers if surfaces are to be redecorated.
- When airless spraying details of the appropriate nozzle sizes and information about the optimum mesh and filters can be provided on request.
- Any powdery or chalking surfaces will require treatment prior to decoration – contact Keim Mineral Paints to ascertain the appropriate product.
- All materials must be thoroughly mixed beforehand. We do not recommend intermixing packs, however if it is necessary ensure products are thoroughly mixed beforehand to ensure even pigment dispersion before mixing.
- Use only Keim recommended fillers and sealers. Acrylic, resin and gypsum based fillers particularly are not recommended for use with mineral paints.
- Onto new/repaired surfaces we would suggest that a drying period of at least 15 days is allowed, prior to the application of Keim.
- Always maintain a wet edge and work materials out well.
- Materials must not be applied at temperatures below 5°C nor those in excess of 30°C, nor if it is raining, or if there is an immediate likelihood of rain
- Keim Mineral Paints should be applied onto wind dry surfaces where the moisture content on or near the surface (to a depth of 5mm approximately) should be no greater than 18% by volume. For on-site purposes a moisture reading may be employed to give a qualitative reading – if the reading is in the green zone decoration may proceed
- Any splashes or spillage should be removed immediately using water - particular note needs to be taken of this in respect of Keim on glass, as it has a slight etching effect if allowed to dry hard
- Clean all brushes and tools immediately in water (some ancillary products containing solvents may require white spirit or turpentine so if in doubt please consult technical data sheets)
- Always store materials upright and secure. Protect from extremes of temperature and store in frost-free conditions
- When ordering reference to the project should be made, to ensure that in the event of re-ordering an exact colour match can be supplied
- Keim Mineral Paints Ltd operates a policy of 'sale and no return' on all goods supplied in good faith