



M60 PAINTING/CLEAR FINISHING

110 MASONRY REPAIR/ PAINT – UNPAINTED SURFACES:

KEIM CONCRETAL LASUR SYSTEM

A low pigmentation silicate based colourwash coating for use on all forms of cementitious substrates. Keim Concretal Lasur maintains the look and feel of natural concrete whilst disguising blemishes and colour variations. It provides long-term decoration and is available in a wide range of standard colour shades and can also be colour matched to the substrate.

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REFERENCE: KEIM CONCRETAL LASUR

Preparation:

Due to the translucent colourwash effect of Keim Concretal Lasur, the system is not suitable to be applied over existing coatings.

Keim Concrete Cleaner

Keim Concrete Cleaner, an acidic concrete cleaner for the removal of release agents and surface impurities from concrete, should be brush applied, diluted in the ratio of 1:5 with clean water and allowed to stand for at least 2-3 hours before thoroughly washing off.

Any new concrete surfaces shall be left for a minimum period of 15 days prior to any decoration using Keim Mineral Paints taking place.

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 Dilution

A liquid silicate binder used to dilute Keim Concretal Lasur and also used neat as a primer coat to reduce surface porosity. Apply a initial coat of Keim Concretal Dilution by airless spray or brush; work well into all surfaces.

Finishing coat(s):

Keim Concretal Lasur

A low pigmentation silicate based stain coating for all forms of cementitious substrates. After a minimum period of 12 hours a second coat of Keim Concretal Lasur may be applied, diluted to the required level with Keim Concretal Dilution a liquid silicate binder.

KEIM MINERAL PAINTS LTD.



After a further minimum period of 12 hours a third coat of Keim Concretal Lasur may be applied (depending on the required opacity/coverage), diluted again to the required level with Keim Concretal Dilution a liquid silicate binder.

A typical dilution ratio would be 3:1 (3 parts Keim Concretal Dilution & 1 part Keim Concretal Lasur). *We would suggest that site trials are conducted to determine the amount of Dilution and number of coats required to obtain the desired opacity.*

Keim Concretal Lasur should be applied by airless spray or brush and laid off with a lambs wool pile roller if necessary; it is important that a wet edge is kept at all times and that contractors work to a natural breakline. It is advisable to work from the bottom upwards even with the application of the Keim Dilution coat so that runs going back into wet material can be dealt with. Keim Concretal Lasur should not be cut in at any time and the contents of the containers should be stirred frequently during application.



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/repared 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