



KEIM CONCRETAL®-LASUR

Concrete substrates can exhibit wide variations in both colour and shading resulting from factors such as different rates of hydration, different types of shuttering, varying rates of pour and inconsistency of materials. Add to this the need to undertake localised repairs, the resultant visual appearance can vary considerably from both the original concept and/or approved sample elements.

The use of KEIM Concretal Lasur enables specifiers and contractors to overcome these potential problems and to achieve concrete surfaces with a consistent quality appearance.

KEIM Concretal Lasur is a low pigmentation colour wash which acts as a stain that penetrates and bonds to the surface of concrete, equalising colour variations whilst maintaining the structure and appearance of concrete.

KEIM Concretal Lasur equalises unacceptable variations in colour and finish of concrete, hides unsightly repairs, reduces surface dusting and increases light reflectivity. KEIM Concretal Lasur is available in a wide range of colours and degrees of opacity, and is tailored to individual requirements.

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TECHNICAL INFORMATION

1 Field of application

In-situ and precast concrete walls, soffit elements and structures, blockwork, lightweight concrete, asbestos cement and cementitious building boards.

2 Product properties

- Water vapour permeable
- Non film forming and micro-porous
- Unifies colour
- Non flammable
- Free from solvents and plasticisers
- Resistant to mould and fungal growth
- Cradle to Cradle Certified®

Colour shades

White and in accordance the KEIM Exclusiv Palette with specials available.

KEIM Concretal Lasur s_d : ≤ 0.01 m

VOC Content: 0-1g/l VOC

3 Application instructions

Substrate preparation

All loose, flaking and unstable material must be identified and then thoroughly removed (not suitable for previously painted surfaces), 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 Concretal Lasur may proceed.

Application

KEIM Concretal Lasur should be applied by brush and laid off with a lambswool roller, it is important that a wet edge is kept at all times and that contractors work to a natural break line.

A typical specification would be a two coat KEIM Concretal Lasur system, the first coat to be KEIM Concretal Dilution (clear priming coat), applied by brush and worked well into all surfaces. After a minimum period of 12 hours a final coat of KEIM Concretal Lasur in the chosen colour may be applied, diluted to the required level with KEIM Concretal Dilution.

Site trials should be conducted to determine the number of coats and the amount of KEIM Concretal Dilution required to obtain the desired opacity.

Consumption

For a two-coat system, using a 3:1 dilution ratio for the second coat, approximately 0.025lt/m² for KEIM Concretal Lasur and 0.175lt/m² for KEIM Concretal Dilution.

Consumption rates are offered for guideline purposes only and are quoted for smooth surfaces. Actual rates are the responsibility of the applicator. Project specifications should be referred to for specific rates.

