

Standard Specification for the application of Keim Granital over existing exterior wall coatings

Project:
Specification: P2513
Date: May 2020
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1.0 PREAMBLE:

This specification is for the coating of cement plaster claddings, that has previously been painted with standard acrylic coatings.

Keim Granital is an environmentally friendly silicate based reactive coating produced from inorganic mineral materials. It has been developed for use on all mineral surfaces such as concrete, brickwork, stone, plaster and masonry.

The requirement in this specification is for a natural mineral silicate and breathable coating system with zero VOC content.

This system provides the natural mineral look and long-life performance of **Keim Granital**.

The system would provide a 10 year Film Integrity warranty system.

2.0 SURFACE PREPARATION:

2.1 Exterior Claddings:

This specification is based on the scope of works, covering all specific preparation requirements.

2.2 Extent of works:

All cement plaster finishes on a variety of substrates, including timber frame, concrete block and lightweight concrete.

2.3 Surface Preparation:

High pressure washing is recommended to remove any dust, oxidisation and construction detritus. The plaster surfaces to which **Keim Granital** is to be applied, must be clean, dust free, and the surface dry at the time of application.

3.0 KEIM GRANITAL COATING APPLICATION:

Keim Granital – 3 coat system

3.1 First Coat: Chevaprime UM

Apply **Chevaprime UM** thinned 40% with water by brush and roller at 10 to 12msq per litre. Allow to dry overnight.

3.2 Plaster Cracks: Chevaline Coverflexx

The primed surfaces will show up any cracks.
Apply a spot roll coat over all cracks with **Chevaline Coverflexx**.

Blend out the roller touch up coat. Repeat with cracks over 1mm. Allow this dry overnight.

3.3 Second Coat: Keim Granital Grob

Use a medium nap roller and as with brushing, ensure that you always finish in the same direction.

Spread rate for **Keim Granital Grob** is approximately 6 sqm per kg per coat on smooth plaster.

Let the third coat dry at least 24 hours and longer in marginal conditions before application of coat 4. Ensure there is no rain forecasted in the next 6 hours after coating application.

Temperatures should be a minimum of 10 °C at time of installation.

3.4 Third Coat: Keim Granital

Apply as per coat two. Spread rate for **Keim Granital** will be 6msq per kg. [note 1kg is slightly less than 1 litre]

4.0 SPECIFICATION NOTES:

4.1 Handling:

Keim paint handles very much like heavy bodied water based paint and should be treated in the same way. Do not work in direct sunlight if you can avoid it. When working on an area, always work to a straight edge corner for change of direction, before stopping work

4.2 Dilution:

Never dilute or thin **Keim Granital** with water. **Keim Granital** comes as ready to use (RTU), but a small amount of **Keim Dilution** can be used in hot and windy conditions.

4.3 Clean up:

Clean your application and mixing equipment by washing up in clean tap water. Let equipment dry before reusing.

4.4 Health and Safety:

Keim Granital is environmentally friendly. However, we would still recommend the use of barrier cream on hands and arms before using the material as this will make it easier to clean splashes off your skin.

4.5 Equus Quality Assurance Program:

Equus Industries Ltd will provide a full Quality Assurance document for the contractor to observe during the installation process. This will be in the form of a chronological sequence and will require sign off per area by the contractor and the Equus Technical Representative.

5.0 MAINTENANCE AND WARRANTY:

5.1 Maintenance:

This coating system may be cleaned at any time by low pressure washing with a weak (0.1 %) solution of neutral detergent. Refer to the job specific cleaning document designated for this project. The window cleaning materials are identified in this program. When recoating is required either to maintain long term integrity or for weather resistance, this may be carried out using one or two coats of **Keim Granital**. It may be necessary to periodically clean the surface every 5 to 10 years to maintain **Keim Granital's** pristine appearance. Refer to the maintenance document provided by Equus Industries Ltd.

5.2 Warranty:

Provided work is carried out in accordance with this specification, or with amendments made by Equus Industries Ltd as a result of site investigation before or during the contract, warranties can be made available for terms as below.

Keim Coating System -10 years film Integrity

Such warranties are issued by the Equus Approved Applicators contracted to do the work and are backed by Equus Industries Ltd as to suitability and quality of the materials supplied. A full Equus QA Program will be incorporated within the contract with inspections and sign offs being a recommended component within the installation process.

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