

# Khozi Coat Datasheet

October 2017

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High opacity water based acrylic emulsion paint for interior and exterior use.

## Technical data

Type	Water-based acrylic emulsion
Colour	Available in 9 colours. See website <a href="http://www.cemcrete.co.za">www.cemcrete.co.za</a>
Initial set	2 hours
Recoating time	6 hours depending on weather
Final cure	± 3 days depending on weather and relative humidity
Cleaning of equipment	Clean with clean water immediately after use
Application temperature (ambient)	10°C to 30°C
Substrate temperature	10°C to 30°C
UV resistance	Stable
Abrasive resistance	Trafficable after 3 days at 25°C and 50% RH
Density	1.3kg/lt
Protection during application	Sun and wind barriers
Safety	See MSDS

## Purpose

Suitable for application to primed new cement plaster, concrete, porous brickwork and various types of building boards (for old and new surfaces). May also be applied to suitably primed wood, metals, fibre-cement and gypsum plaster. **Khozi Coat** will not stop damp or rising damp. Contact Cemcrete's technical department for further application details.

## Benefits

- Alkali resistant
- Masks minor plastering defects
- High opacity cost effective paint
- Attractive low sheen finish

## Applications

Can be applied to exterior or interior walls of industrial, commercial or domestic buildings. Onto surfaces primed with Cemcrete's CemKey according to the datasheet, or un-primed concrete, cement plaster, brickwork, building boards and suitably primed wood, metal, fibre cement and gypsum plaster.

## Specifying

**Cemcrete's Khozi Coat** is a one coat PVA acrylic paint suitable for interior and exterior surfaces. It is alkali resistant and is designed as a one-coat application for existing or newly plastered surfaces, cement bricks or building blocks. It has good adhesion, outstanding hiding power with superior obliteration and spread rate in its class.

## Site Work

## Storage

Store away from direct sun, heat and severe cold. Make sure the buckets are properly sealed at all times when not in use.

Cemcrete provides a comprehensive technical service based on over 4 decades of experience in the field of surface applications and cement technology. Cemcrete believes, to the best of its knowledge, that the information contained herein is true and accurate at the date of issuance and is subject to change without prior notice. For further clarification of these instructions, contact Cemcrete.

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## Shelf life

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Can be stored unopened for 12 months after date of invoice.

## Surface preparation

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Ensure that surfaces are sound and free from dust, dirt, grease and oil, organic growth or any contaminants that may impair bond. Surfaces must be thoroughly dry - no more than 10% moisture content. Do not apply during cold (below 10°C) or wet weather. Do not apply directly to bare metal surfaces. Not suitable for direct application to powdery or friable surfaces whether previously painted or not.

## Surface preparation for new surfaces

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Cement Plaster (non-friable), Gypsum Plaster, Composition Boarding, Fibre Cement It is recommended that fresh plaster should be allowed to hydrate properly for at least one week and longer in cold or damp weather before testing for moisture levels (10% or less) prior to painting. Spot-prime metal strips and nail heads with Cemcrete's Direct-To-Metal Paint. **Khozi Coat** can be applied directly to block/brickwork and uncompromised concrete or plaster. Prime friable concrete, plaster, cement block/bricks, and fibre cement boards with Cemcrete's CemKey. Prime all other substrates such as plastic, aluminium, wood and gypsum plaster etc. with a suitable propriety primer in accordance with the relevant manufacturer's instructions. For shuttered concrete one should remove any uncured cement, grease, and mould release agents by high-pressure water/sand blasting, or wash with an appropriate degreasing agent. Rinse off thoroughly with clean water and allow to dry. Prime with one full coat of CemKey.

## Surface preparation for previously painted surfaces

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Sound, non-friable/powdery surfaces should be washed using a solution made up of 1 cup of sugar soap to 5 litres of water. Rinse with clean water and allow to dry properly prior to painting with **Khozi Coat**. For enamel surfaces, sand to a matt finish to aid adhesion and follow with a coat of propriety universal undercoat for all surfaces. Old paint in poor condition should be stripped of its loose and flaking paint completely. The areas between tightly bonded paint and exposed bare areas should be flush filled using Cemcrete's relevant crack filler in accordance with the relevant data sheet prior to repainting.

Mould/organic growth- To kill lichen and algae growth, scrub with one of the following solutions: either 4:1 water/HTH (chlorine), or 4:1 water/JIK (sodium hypochlorite). Ensure that the areas are completely saturated, and allow the solution to react for a minimum of 4 hours. Rinse the complete wall surface thoroughly with clean water.

## Weather

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Do not apply when the temperature is below 10°C. Avoid frozen surfaces.

## Mixing

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Stir well with a flat paddle until homogenous before use.

## Application

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Fill and repair imperfections with the appropriate Cemcrete Crack Filler and prime with CemKey once the crack filler has dried properly in accordance with the relevant data sheet. Failure to do this will result in uneven sheen levels between the repaired and normal areas. Apply **Khozi Coat** via brush, roller or airless spray. Allow 6 hours before over coating where necessary. Do not dilute with water or any other liquid.

For best colour and sheen consistency, use containers of the same batch number or mix different batches together in a large container. Try to finish in a corner before starting with a new container.

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**Masking**

For best results all windows, doors and adjacent surfaces should be masked using brown paper and masking tape. All masking material must be removed at the end of the day's work.

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**Cleaning of tools**

Wash immediately after use with clean water.

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**Maintenance**

Surfaces treated with **Khozi Coat** can be cleaned using scrubbing brushes, detergent and cold water.

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**Coverage**

Approximately 4 - 7m<sup>2</sup>/litre/coat depending on surface porosity, surface profile and application method.

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**Packaging**

Supplied in 20 litre drums.

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**Manufacturer's Warranty**

Cemcrete warrants that the products manufactured by it shall be free from material defects and will be consistent with its normal high quality. Should any of the products be proven defective, the liability to Cemcrete shall be limited to replacement of the product ex-factory. Cemcrete makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties expressed or implied. The user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith.

**NB: It is highly recommended that Khozi Coat is used in combination with Cemcrete's support products. This includes bonding liquids, fillers and primers etc.**

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**Johannesburg Head Office**

8 Telford Street  
Industria  
011 474 2415

**Johannesburg Showroom**

227 Jan Smuts Avenue  
Parktown North  
011 447 3149

**Centurion Showroom & Warehouse**

15 Coachmen's Park  
26 Jakaranda Street, Centurion  
012 653 6808

**Cape Town Showroom & Warehouse**

Eagle Park, cnr Bosmansdam &  
Omuramba Roads, Montague Gardens  
021 555 1034