

CALICONE



DESCRIPTION

CALICONE is based on a waterborne acrylic alloy polymer blend. It produces a dry film which is extremely tough and resilient resembling solvent borne acrylics. It is designed to be penetrative, binding and wear with exceptional adhesion. **CALICONE** has resistance to water, oils, greases and dilute cleaning chemicals. **CALICONE** can be used internally and externally.

APPLICATIONS

- **CALICONE** is suitable for sealing a variety of concrete substrates including old concrete floors which have been cleaned.
- **CALICONE** is suitable to seal grout between ceramic tiles.
- **CALICONE** is used as a sealer on multiple substrates, e.g. terracotta tiles, slate, clay and concrete paving, sandstone and limestone facades or paving.
- **CALICONE** can be used as a sacrificial anti graffiti system.

FEATURES

- **CALICONE** can be used externally or internally.
- **CALICONE** has UV resistance.
- **CALICONE** is non-yellowing.
- **CALICONE** has little effect on the original colour of the substrate.
- **CALICONE** is suitable for pedestrian traffic and vehicle traffic when fully cured.

PREPARATION

Stir thoroughly before use. Paint mixer on an electric drill is recommended. Mix for approximately 3 mins before use at low to medium speed, i.e. 200-500 rpm.

BARE CONCRETE/CLAY/RECONSTITUTED & NATURAL LIMESTONE SUBSTRATES:

Any oil and grease should be removed with **MARCMOVE** before water blasting. The concrete should be free of dust, dirt, oil, mould, algae, fungi, laitance, paints, coatings, curing compounds and should have a sound, firm surface which does not give way when given the packaging tape adhesion test. Exposed aggregate concrete should be acid etched to remove retarder residue and excess concrete scum off exposed stones. Allow the surface to dry thoroughly after water blasting with a high-pressure machine.

If substrates susceptible to mould, algae or fungi externally or internally, these substrates should be treated with anti-agents to kill the mould, algae and fungi before any application.

CERAMIC TILES: Make sure there is no grout scum on the surface of the tiles. If so, acid clean with **DYNALENE** diluted 10 times with water. Treat as bare concrete as detailed above after the **DYNALENE** acid etching. If the tiles are clean and in very good condition, clean them with a vinegar/methylated spirits mixture and water. Rinse well with water, thoroughly dry tiles before sealing.

PAINTED SURFACES: For Concrete, Brickwork or Sheet material should be free of dust, dirt, oil, mould, algae, fungi, laitance and should have a sound, firm surface which does not give way when given the packaging tape adhesion test.

Allow all substrates to dry thoroughly before applying the **CALICONE**. Do not apply under 16°C

APPLICATION RATES

SEAL COAT ON UNGLAZED TILES: Apply one coat of **CALICONE** at 8m²/litre/coat.

PAINTED CONCRETE AND/OR PAINTED BRICKWORK: Apply one coat of **CALICONE** at 8m²/litre. Follow with another coat at same coverage after 6 hours.

FACTORY
16 GOONGARRIE STREET
BAYSWATER WA 6053
AUSTRALIA

POSTAL
PO BOX 385
BAYSWATER WA 6933
AUSTRALIA

TELEPHONE
TEL. (08) 9378 2022
FAX. (08) 9377 2575
MOB. 0408 940 669

IDENTIFICATION
PAGE 1 of 2
ISSUE: JULY 2019
REF: CLCN

QUINDALUP HOLDINGS PTY LTD (A.C.N. 009 026 386) AS TRUSTEE FOR CALMARC FAMILY TRUST (ABN 18 340 289 669)

This information is offered solely for the customer and/or specifier for their consideration, investigation and verification. The suggestions mentioned herein should be fully assessed prior to application. No warranty or implied liability is given for any recommendations, advice, suggestions made by Calmarc Chemicals or representatives, agents or distributors for the conditions of use and labour for the products which are beyond our control. Catalogue or specification contents may change from time to time without notice. S.D.S. is available.

CALICONE



CONCRETE/LIMESTONE PAVERS: Apply two coats at 8m²/litre/coat.

CLAY PAVERS: Apply one or two coats at 6-8m²/litre/coat.

EXPOSED AGGREGATE CONCRETE: Apply two coats at 5-7m²/litre/coat.

POURED (LIQUID) LIMESTONE: Apply two coats at 4-5m²/litre/coat.

NATURAL SANDSTONES/LIMESTONES: Apply two coats in the region of 3-4m²/litre/coat. Thorough testing is recommended on natural limestone to determine suitability.

SACRIFICIAL ANTI GRAFFITI SYSTEM: Apply three coats at 8m²/litre/coat. Trial areas should be performed to determine the appropriate spread rate as different substrates will vary in porosity.

Allow 4-6 hours between the first application and second coat application respectively. Apply the third application 24 hours after the second application. Drying times depend on the substrate suction, dryness and sun and breeze contact levels.

BARE CONCRETE: Apply two coats at an average of 8m²/litre/coat. Apply three coats for areas of heavy traffic.

Full drying of the previous coat may hinder the application of a second coat in some circumstances. This is due to the varied porosities among different substrates. The surface texture (roughness) and porosities will influence the amount used for most substrates. Tests should be done to determine a spread rate of **CALICONE**.

NOTICE

It is not recommended to apply **CALICONE** by roller as there is a tendency to create air bubbles in the coating by too vigorous rolling; and over rolling on partially dried coating. It is best to apply **CALICONE** by Tee Bar Pad applicator, soft hair broom, brush or spray.

CALICONE needs to be applied in thin even coats laying off as applying. Thick coats cause drying problems with **CALICONE** sometimes leaving an opalescent(whitish) film – not a clear film. Substantial water contacts within a week or so after application may create a very light whitish spot effect in the film. The effect disappears when the water is removed or evaporated and will not occur when the film gains full strength. Rising moisture in substrates needs to be constrained before application of **CALICONE**.

Keep **CALICONE** off window, door frames and glass.

FOR ALL TWO COAT APPLICATIONS, ALLOW 4-6 HOURS BETWEEN COATS at 25°C. Cold wintry conditions extend the drying time and thus formation time compared to summery conditions.

Pedestrian traffic can resume after 24 hours, vehicle traffic after 5 days at 25°C.

DO NOT APPLY IF RAIN OR INCLEMENT WEATHER IS EXPECTED WITHIN 72 HOURS.

CLEAN UP

Clean up wet **CALICONE** deposits with water and dry **CALICONE** deposits with **MARCMOVE**.

STORAGE

Store **CALICONE** in sealed containers under cover in a cool area away from foodstuffs. Shelf life: 6 months in unopened container.

PACK SIZES

CALICONE is sold in packs of 10, 20, 200 and 1000 litres.

TRANSPORT

CALICONE is not a hazardous product for transport under the guidelines of Safe Work Australia.

FACTORY
16 GOONGARRIE STREET
BAYSWATER WA 6053
AUSTRALIA

POSTAL
PO BOX 385
BAYSWATER WA 6933
AUSTRALIA

TELEPHONE
TEL. (08) 9378 2022
FAX. (08) 9377 2575
MOB. 0408 940 669

IDENTIFICATION
PAGE 2 of 2
ISSUE: JULY 2019
REF: CLCN

QUINDALUP HOLDINGS PTY LTD (A.C.N. 009 026 386) AS TRUSTEE FOR CALMARC FAMILY TRUST (ABN 18 340 289 669)

This information is offered solely for the customer and/or specifier for their consideration, investigation and verification. The suggestions mentioned herein should be fully assessed prior to application. No warranty or implied liability is given for any recommendations, advice, suggestions made by Calmarc Chemicals or representatives, agents or distributors for the conditions of use and labour for the products which are beyond our control. Catalogue or specification contents may change from time to time without notice. S.D.S. is available.