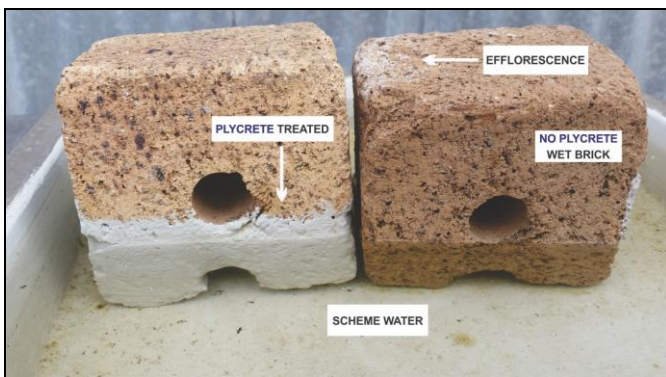


PLYCRETE



DESCRIPTION

PLYCRETE is an acrylic terpolymer incorporating cement and associated compounds. **PLYCRETE** is a waterproofing seal coating, designed to be applied onto damp surfaces and surfaces subject to hydrostatic moisture.



Pic 1. Both half bricks are from the same whole brick.

FEATURES

- **PLYCRETE** is a waterproof surface coating and is suitable as a waterproof submergible coating in water containing structures.
- **PLYCRETE** has resilience and is quite tough.
- **PLYCRETE** has excellent adhesion to damp and porous substrates.
- **PLYCRETE** has excellent sag resistance when applied to vertical surfaces.
- **PLYCRETE** has excellent hydrostatic moisture resistance.

APPLICABLE SUBSTRATES

- Concrete – 28 days cured minimum.
- Cement/sand screeds, renders – 28 days and 14 days cured minimum respectively
- Masonry and concrete block work – voids filled, protrusions removed for a flat finish.
- Reconstituted limestone blockwork – voids filled, protrusions removed for a flat finish.

COMMENT: **PLYCRETE** is a cementitious/ resin coating which has limited to virtually no flexibility and is not recommended to be directly applied over cracking in substrates or coated substrates.

USES

- Direct application onto damp, not wet or very wet ponds, masonry walls, e.g. cellars, bathrooms.
- Waterproof coating for swimming pools, garden ornaments, bird baths.
- Primer coating on applicable substrates for application of finishing top coatings.

PREPARATION

The substrate surface is to be made sound, have integral strength and is to be made free contaminants including, dust, oils, laitance, algae, fungi, coatings, paints, bitumen's, curing compounds and stains.

Plain, untreated surfaces which are not hard and dusty with light abrasions of substrates are to be ground to a firm surface.

Substrates which have, or had coatings or treatments applied, are to be ground to create an undamaged hard surface.

Water blasting, using no less than a 4500psi water blaster, is carried out to thoroughly clean the ground surface.

MARCMOVE should be used to remove oil and grease stains after grounding. Water blasting should be done after using **MARCMOVE** to remove it before any further treatments, e.g. coatings, paints. Waterblast waterflow to the nearest substrate edge. Allow substrate to dry for at least 24 hours @25°C.

DIRECTIONS

Stir **PLYCRETE** with an electric drill at 500-1000rpm containing a petal blade propeller for 2-3 minutes before use.

The preparation of surfaces to be coated to be prepared for maximum adherence of **PLYCRETE**.

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: June 2023
REF: PLCT

PLYCRETE



Apply **PLYCRETE** to firm, sound, pinhole free, non-friable substrates which can be damp (not wet). It is best to apply **PLYCRETE** onto a dry surface if possible. Having a natural or forced (fan) breeze flowing over the work area is the most suitable for application conditions and drying of the **PLYCRETE**.

Use **PLYCRETE** as supplied if applying it with a brush or roller (short nap roller is recommended). If spraying **PLYCRETE** with an airless spray, it may have to be diluted slightly with **PLYCRETE THINNER** to obtain the consistency suitable for the spray equipment to apply it. Tip sizes of 19-25 would be suitable for spraying **PLYCRETE**.

Coverage as a guide, of **PLYCRETE** is, as supplied, 4m²/litre/coat based on a well-prepared concrete surface. Depending on the porosity and degree of either smoothness or roughness of the surface, the application volume of **PLYCRETE** will be slightly less for flat surfaces and increase for rough profile surfaces. The porosity factor will have to be judged at the time of application.

PRIMER

Apply one coat of **PLYCRETE** at a rate of 4m²/litre. Observe porosity guidelines as previously mentioned. Allow **PLYCRETE** to dry for a minimum of 24 hours @25°C before application of finish top coatings (e.g. **PLIOXY**, **MEMFLEX**, **ACRABIT**, **FLEXIDECK**, **CALSEAL**, etc.). Two coats at 4m²/litre for highly porous uneven surfaces.

SWIMMING POOLS, BIRD BATHS, ETC.

Apply three coats of **PLYCRETE** at a rate of 4-5m²/litre/coat. Allow each coat to dry for a minimum of 24 hours @25°C before application of subsequent coats. Allow coating to dry for 7 days @25°C. **PLYCRETE** should be rinsed at least 3 times with clean water before final water fill to remove any residual surfactants.

Keep a wet edge on the brush or roller during the application of **PLYCRETE**. This is especially relevant

with the second or third coats (WHERE APPLICABLE) to inhibit brush drag. For best results, allow a minimum of 24 hours drying between coats @25°C. Allow a minimum of 24 hours drying @25°C after final **PLYCRETE** coat if applying subsequent topcoat finishes.

If being applied externally, do not apply if humidity is above 80% or if rain or inclement weather is expected within 72 hours. **PLYCRETE** should not be applied if temperature is below 12°C or above 35°C.

CLEAN UP

PLYCRETE is removed in a wet or dry film with mineral turpentine or **MARCMOVE**.

STORAGE

Store **PLYCRETE** in a cool area undercover between 10-30°C away from foodstuffs and heat or flame sources. Always reseal the container **PLYCRETE** has been decanted or used from and keep it sealed if stored.

SAFETY

Wear protective clothing, safety coats and goggles. A solvent cartridge breathing mask may be required if using **PLYCRETE** indoors or low, limited ventilation areas.

PLYCRETE is best applied in a warm environment at the work area with a breeze or forced air movement, e.g. fan flowing over the work area is the best condition for application and drying of the coating.

PACK SIZES

PLYCRETE is sold in pack sizes of 5 and 10 litres.

TRANSPORT

FLAMMABLE LIQUID: UN No.: 1268, CLASS: 3, PACKAGING GROUP: III METAL CONTAINER, HAZCHEM: 3(Y), I.R.E.G. No.: 14.

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: June 2023
REF: PLCT

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.