

CICO SIPEL & SIPEL-S

Silicone Masonry Water Repellent Agent For Impregnation Of Exterior Walls

CICO SIPEL/CICO SIPEL-S is supplied as a ready-to-use water/solvent based colorless liquid silicone which, when applied, creates a highly water repellent surface.

USES

CICO SIPEL/SIPEL-S is applied on siliceous/mineral surfaces especially on exterior building brickwork, concrete cement/sand rendering, plastering, natural or cast stone. It reduces the phenomenon of efflorescence due to soluble salts in brickwork. It protects the surface from exterior aggression. **SIPEL is recommended for burnt clay brick surfaces. SIPEL -S is suitable for all types of substrate surfaces.**

ADVANTAGES

- Ready-to use by brush or spray directly from container.
- Most effective on any siliceous surface, old or new.
- Inhibits dampness on walls due to capillary action.
- Self-cleaning reduces unsightly staining, unaffected by salt laden atmosphere.
- Reduces risks of efflorescence, lime erosion, rust staining, dirt collection, formation of mild dew, moss lichen and frost spalling.
- Protects concrete from aggressive action of de-icing salts.
- Preserves natural colour and texture of treated substrates. Allows surface to breathe. Good on cement paint too.

PROPERTIES

Specific Gravity at 27° C	CICO SIPEL-S - 0.85 ± 0.02
	CICO SIPEL - 1.01 ± 0.02
Coverage / Consumption	2 to 10 m ² per litre depending on the porosity of the substrate surface.
Storage	Store in a cool place. Avoid prolonged contact with skin.
Safety	Highly flammable in case of CICO SIPEL
Shelf life	18 months in unopened container

EFFECTIVENESS OF IMPREGNATION ON BUILDING MATERIALS:

BUILDING MATERIALS	IMPREGNATION EFFECT
Facing tiles / bricks	Very good
Mineral Plaster	Very good
Sand / Lime brick	Very good
Concrete/Cement-sand plaster	Very good
Natural Stone	Good
Synthetic resin based paints	Unsuitable

METHOD OF APPLICATION

Surface Preparation

Surface should preferably be dry although slight surface moisture is not detrimental. Surfaces must be free from oil, grease, and loose particles decayed matter and moss or algae growth.

Joints in brickwork must be sound, if not, they should be re-pointed with cement/sand mortar by using **CICO NO-1** or **CICO SUPER** (details available from CICO). Care shall be taken to protect plants, window glass asphalt, bitumen and oil painted surface, as they are likely to undergo deterioration.

Cleaning

In case of **CICO SIPEL-S**, brushes or equipments should be cleaned with kerosene and water can be used for cleaning purpose in case of **CICO SIPEL**.

PACKAGING

CICO SIPEL is available 1Kg, 5 kg, 20 kg and 200 kgs.

CICO SIPEL-S is available in 1 ltr, 5 ltr and 20 ltr.

Important Note:

All CICO products are sold in the market after strict Quality Control in line of ISO 9001 and guaranteed against any manufacturing defect. Although the basic formulation of Company's products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties. CICO aspires to ensure that any recommendation, advice, test data, specification, method statement and other information given in this product datasheet is accurate and best of company's knowledge. Since, the company (CICO TECHNOLOGIES LTD) has no control over the selection of its product, applicators, application methodology, how and where it is applied, therefore, the company cannot accept any liability directly or indirectly arising from the use of its product. It is important to any customer, user or specifier satisfies him / herself that the product is suitable for the intended purpose including health, safety and environmental aspect. Unless or otherwise agreed in writing, all products of the company are sold strictly pursuant to the terms of our standard conditions of sale which are available upon request. All information and technical assistance is given without warranty or guarantee and is subject to change without notice. All customers, users, specifiers should ensure that they examine the suitability of the product with company's latest product data sheet.

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