



ISO 9001:2000

CICO SIPEL

Silicon based Water Repellent Coating/Raincoat

- DESCRIPTION** : **SIPEL** is supplied as a ready-to-use water based colourless liquid silicone which, when applied, creates a highly water repellent surface.
- USES** : **SIPEL** 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.
- FEATURES** :
- * 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-clearing reduces unsightly staining, unaffected by salt laden atmosphere.
 - * Reduces risks of efflorescence, lime erosion, rust staining, direct collection, formulation 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.
 - * Environment friendly and non-flammable.
- APPLICATION** : Clean the surface by the means of wire brushing and apply two coats of **CICO SIPEL** on the prepared surface which is to be pre-wetted in surface dry condition.
- TECHNICAL DATA**
- Colour** : Clear liquid
- Specific Gravity at 27°C** : 1.0 ± 0.02
- Water Resistance** :
- Repels rain and inhibits ingress of surface water, provided there is no hydrostatic pressure.
- Provides high impermeability against penetration of water, salt solutions, dust or soot particles.
- It arrests leaching of soluble salts from brickwork, which causes efflorescence and absorption of de-icing salts by concrete which results in degradation. SIPEL silicon coating allows the building surface to breath.

- Coverage/Consumption** : 6 to 10m² dependent on porosity of the substrate.
- Cleaning** : Brush or equipment may be cleaned with water.
- SHELF LIFE** : 12 months if kept in unopened container.
- PACKING** : 1 Litre, 5 Litre, & 20 Litre containers.
- HEALTH & SAFETY** : Non flammable, store in cool place.
- SURFACE PREPARATION & APPLICATION** : The surface should be preferably dry. Although dampness is not detrimental but the surfaces should be free from oil, grease, loose particles, decayed matter, moss or algae growth. Joints in brickwork must be sound. If not, they should invariably be repointed with cement/sand mortar by using our product **CICO SUPER**
- PRODUCT INFORMATION** : Although the basic formulation of our products generally remains unchanged, production refinements arising from continuing research and evaluation program may occasionally result in marginal changes in properties.

TECHNICAL SERVICES:

- * **CICO** maintains a technical division with highly qualified Technical Personnel to investigate and advise on subjects related to concrete and the construction industry. The Division will advise on the correct use and selection of right products at the right place.
- * **CICO** undertakes Consultancy Service for diagnosis and rehabilitation of distressed structures.
- * **CICO** undertakes jobs as a package for total waterproofing system with guarantee.

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