



CICO HYDROGUARD ACR

Acrylic Based Single Component Elastomeric Reinforced Waterproof Roof Coating

CICO HYDROGUARD ACR is a single Component Elastomeric Reinforced waterproofing coating system specially designed with acrylic polymer, fillers, additives, biocides & weather durable pigments in water medium. **CICO HYDROGUARD ACR** is used as a liquid applied waterproofing system for all types of building terrace. **It is a three-layer system with coats** in different or same colors ensuring proper build-up of the thickness, making it a reliable waterproofing system.

AREAS OF APPLICATION

- Building roofs / Terraces, Flat & sloping surface.
- Over existing cementitious waterproofing treatments like concrete screeds, acrylic coatings etc.

FEATURES

- Higher dry film thickness of 1 to 1.25 mm in three coat application
- Resistant to UV & weather conditions
- Can be applied by brush & roller easily
- It is non-toxic in nature
- It is breathable
- Easy to recoat existing surfaces coated earlier
- >200% elongation & $\geq 1.5 \text{ N/mm}^2$ Tensile strength
- Does not support bacterial growth.
- Easy to clean.

METHODS OF USE

Surface Preparation

A sound, clean and dry substrate is absolutely essential for successful coating application and in ensuring maximum bonding between the substrate and coating system. Floor should be made dry, clean and free from laitance, dust, grease, paint, etc. by scrubbing followed by thorough water wash and wire brushing and then air drying. As the case may be, detergent wash may also be done. The choice of surface preparation should be determined by the nature and extent of contaminants present on the concrete surface. Damaged or uneven areas, cracks etc. should be made good. Visible cracks, depressed or any porous substrates are to be filled or leveled with suitable products like **CICO CRACKSEAL**, **CICO TAPECRETE MORTAR** before applying primer.

APPLICATION PROCEDURE:

Primer: Dilute 2 parts of **CICO HYDROGUARD ACR** with 1 one part of water & apply it over the surface with a brush. Allow it to dry for 7-8 hours.

Top Coat: Apply the first coat of **CICO HYDROGUARD ACR** without any dilution and allow it to dry (6-8 hours) before taking up the second and third coats, the rate of application being the same.

Never dilute CICO HYDROGUARD ACR with water for ease of application. **Coverage will vary according to surface profile.**

TECHNICAL DATA:

Properties	Result
Solid %	69±1
Tensile strength (N/mm ²)	>1.5
Elongation at break (%)	>200
Dry film thickness(mm)	1-1.2
Coverage area for 3 coats (kg/m ²)	1.5 kg
Shore A	70-80
Specific Gravity @(25±2)°C	1.33-1.35
Shelf life	12 months
Colour Availability	Many colours

STORAGE

Store in a cool and dry place.

PACKAGING

5 Kgs & 20 Kgs

Safety Precautions:

Avoid direct contact with skin or eyes. In case of any contact wash the affected area with water immediately or consult physicians if irritation persists.

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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