



# ENIROOF- RHC

## NON BREATHABLE, RH CONTROL VAPOR BARRIER COATING

### DESCRIPTION

**ENIROOF-RHC** is cold applied liquid Rh control liquid membrane, specially designed to control Rh in coastal area.

### OUTSTANDING FEATURES & ADVANTAGES

- **ENIROOF-RHC** is a highly elastic and non-breathable product, and cures to a rubber like membrane.
- Highly resistant to oxidation, UV light and ozone because of unique additives used in compounding it. It does not crack.
- More durable than normal coated craft paper and lasts longer than most other Rh control coatings.
- Superior wetting and adhesion properties ensure durable bond and resistance to peeling, chipping, and/or separation and a longer life.
- Has the unique property of adapting itself over the irregular contours of the deck or wall and forming a vapor barrier waterproof and impervious blanket.
- Single component, cold applied requiring no mixing or heating; saves labor costs.

### USES

To control Rh for concrete wall and roof in sandwich system.

### COVERAGE

**ENIROOF-RHC** Covers 1.5 M<sup>2</sup> area in Primer plus two coat system.  
Coverage may vary and depends on the porosity of the surface applied

### TECHNICAL DETAILS

Elongation	1200 %
Shore 'O' Hardness	55
Water vapor permeability, metric perms	0.38
Tensile set recovery, %	95
Tear Resistance, KN/ m	28
Service Temperature 24 hrs. @120	No shrinkage, brittleness
Chemical Resistance, % weight change	
-10% Salt (Sodium chloride)	3.0
-5% Alkali (Caustic Soda)	2.0
-5% Acid (Sulfuric)	3.0
Tack free time @ 35 °C	10 – 12 hours
Flammability & Toxicity	0.95 ± 0.1

### SURFACE PREPARATION

The surface must be thoroughly cleaned and should be free of dirt, gravel, dust and oil. The concrete should be dry and smooth. When applying directly over concrete or plastered wall, the surface must be primer with given method.

**PRIMER:** For priming, primer coat of **ENIROOF-RHC** is applied prepared surface. For primer coat use diluted **ENIROOF-RHC** as follows.

Water :50 parts by weight  
**ENIROOF-RHC** :50 parts by weight

## METHOD OF APPLICATION

The coating is applied straight by using standard roofing brooms, brushes, squeegees or airless spray equipment. After full curing (8 – 10 hours) of coating, apply succeeding coats.

## SAFETY

**ENIROOF-RHC** is safe, non-toxic, and eco-friendly and presents no health hazard. As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles

**INHALATION:** Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency

**EYE CONTACT:** Flush eyes with water for 15 minutes and call for medical help.

**INGESTION:** causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

## STORAGE

Minimum 18 months in unopened container. Store away from sunlight and preferably below 30°C.

## PACKING

**ENIROOF-RHC** is available in 4 Kg Plastic bucket, 20 kg pails and 200 kg plastic drums.

Technical Support:



Polymertech UK Ltd.  
& CN-07468396  
United Kingdom

**NOTE:-** We make no warranty either expressed or implied or statutory in this document except as expressly stated in any sale and purchase agreement entered into between the buyer and us. This document is a technical data information sheet. The information given in this sheet is to the best of our knowledge, true and accurate. However buyers are requested to confirm the same in their laboratories as test results may vary between two laboratories due to change in test conditions, purity of chemicals and personal error of chemists. Under the above conditions we are not liable for special, incidental or consequential damage.

**For further assistance kindly mail us :** [support@starcoating.in](mailto:support@starcoating.in)

**Marketed By:**



**Star Coatings & Membranes Pvt. Ltd.**

New Delhi-110025, visit us at : [www.starcoating.in](http://www.starcoating.in), E-mail: [info@starcoating.in](mailto:info@starcoating.in)



(ISO 9001:2000)