



ENIROOF GOLD

HIGHLY ELASTOMERIC DURABLE WATERPROOF COATING

DESCRIPTION

ENIROOF GOLD is a scientific blend of synthetic resins, selected minerals and fillers. **ENIROOF GOLD** is a protective and waterproof coating. It is a high performance coating that dries to elastic, flexible, impermeable waterproof membrane.

ADVANTAGES

- Easy and direct (cold applied) application, Provides an impervious waterproofing membrane that protects concrete structure and brick foundations against chloride and sulphate ions present in soils and water.
- Corrosion resistant and vapor barrier.

RECOMMENDED USES

- Useful as protective coating on concrete and brick foundations, retaining walls, timber, metals, etc.
- Provides a sandwich membrane in new construction and surface treatment on existing slabs.
- Damp – proofing of regular surfaces like concrete and asbestos.
- Provides a key for plaster on difficult surfaces.
- For waterproofing and protection of structure, Concrete, columns and beam

TECHNICAL DETAILS

ELONGATION	: > 800 % ASTMD522-3A
SPECIFIC GRAVITY	: 1 to 1.08
TENSILE SET RECOVERY	: 95-97% ASTM D 2370
TEAR RESISTANCE	: 28 KN/M ASTM D 2794-93
SOLIDS CONTENT BY WEIGHT	: 58.5% ASTM D1644-01
COLOR	: Golden Gray liquid
SOFTENING POINT	: Up to 120°C. If exposed to direct sunlight.
FLASH POINT	:NA
BONDING STRENGTH	: 3.3 Kg/Sqcm
PERMIABILITY	: NIL (IS:2645-1975)
FLAMIBILITY & TOXICITY	: 0.95 ± 0.01

SURFACE PREPARATION

The application surface must be clean and free from dust grease and loose particles. Surface may be damp but not saturated.

Apply one coat of **ENIROOF GOLD PRIMER**, diluting 1kg **ENIROOF GOLD** with 2lt water, on well-prepared surface. **ENIROOF GOLD** should be stirred well before use. It is recommended that 1 – 2 coats should be applied depending upon the degree of protection required after the primer coat. Brush, roller or sprayer can apply **ENIROOF GOLD**.

METHOD OF APPLICATION

After the primer coat is completely dried apply two coats of **ENIROOF GOLD**. It is recommended to apply the 2nd coat after the 1st coat is totally cured. For better results use **GLASS FIBRE REINFORCEMENT** embedded into 1st coat of **ENIROOF GOLD** while still wet. **ENIROOF GOLD** could be diluted up till 15 – 25 % for 1st coat and 10 – 15 % for 2nd coat to make material workable and get the desired coverage. All brushes and tools should be cleaned by water immediately after use.

COVERAGE

METALLIC SURFACE: 4- 5Sq Mtr./kg/coat
CONCRETE SURFACE: 3-4 Sq Mtr./kg/coat
Dry film Thickness 600-700 Micron
(Depending on the porosity of the surface)
1 Kg/ Sm/@ coats for 1 mm Dry film thickness.

SAFETY

ENIROOF GOLD 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 GOLD is available in 1 gallon, 20 kg pails and 180 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

Marketed By:



Star Coatings & Membranes Pvt. Ltd.

New Delhi-110025, visit us at : www.starcoating.in, E-mail: info@starcoating.in



(ISO 9001:2000)