

MOISTURE BARRIER EPOXY

GENERAL DESCRIPTION

Enviro Epoxy's MOISTURE BARRIER EPOXY is a two-component epoxy concrete floor coating using advanced formulations of high performance epoxy resins and designed to provide a high level of moisture suppression.

PART A is a low viscosity resin based on a blend of non-crystallizing epoxy resins that is modified to provide easy handling, superior compatibility (no induction) and excellent concrete adhesion when used with Part B curing agent.

PART B is a light color, low viscosity, modified curing agent which has been specifically designed for use with PART A resin.

MOISTURE BARRIER EPOXY is designed to greatly reduce the instance of trapped moisture which can be responsible for such conditions as black mold under carpeting, mold under ceramic tile and blistering under polymer flooring or the failure of polymer flooring, hardwood or laminate flooring, vinyl or composite flooring, carpeting or tiles.

AREAS OF APPLICATION

MOISTURE BARRIER EPOXY is specifically designed for use in any concrete flooring applications that require a high degree of resistance to moisture vapor transmission.

SPECIAL FEATURES

Low Perm Rating - Class 1 Water Vapor Suppression perm rating (< 0.1) - lower than typical floor finish materials when used over properly prepared concrete substrates with appropriate film thickness for the specific application. Low perm rate results in longer flooring service life coupled with lower risk of flooring failure.

Superior Adhesion - provides superior adhesion to concrete.

Fast Recoat Times - recoat time frame from 3 to 4 hours.

Low Odour - low emission properties means low odour application conditions

Economical - cost-effective moisture suppression coating provides reduced flooring problems and repair/replacement expense.

USE DIRECTIONS

SURFACE PREPARATION: Shot blasting, diamond grinding or sanding is recommended. MOISTURE BARRIER EPOXY should be applied only on clean, dry and sound surfaces. Any contaminants such as oil, grease, dust, dirt, wax, deleterious material, release agents and laitance must be removed by mechanical means. Washing the floor is not recommended. Soiled areas should be cleaned with a degreaser, followed by thorough rinsing with clean water. Allow wet surfaces to dry completely before applying the coating.

Concrete: Freshly poured concrete must age a minimum of 30 days before the coating is applied. Moisture content in the concrete is recommended to be less than 5% prior to application.

MIXING INSTRUCTIONS: DO NOT MIX the two components until you are ready to begin the application. To mix, pour entire contents of Part-B into the container of Part-A and mix thoroughly. Once mixed the coating must be applied within 30 minutes. Refer to the mixing instructions provided with product for further details.

MIXING RATIO by VOLUME:
1.75 : 1 (Part A : Part B)

Limitation: Do not thin or dilute coating. Do not apply over a wet or dirty surface. Do not apply at an ambient temperature under 10°C.

APPLICATION METHODS: Apply coating using a flat or notched squeegee, a high quality, lint free low pile roller (5 mil roller recommended) or a standard brush. Allow for 3 to 4 hour drying time before applying the second coat.

Clean Up: Clean skin with soap and water or a standard hand cleaner immediately. Do not let the coating dry.

PHYSICAL PROPERTIES - LIQUIDS

MOISTURE BARRIER EPOXY consists of high quality epoxy resins.

Type	Epoxy Moisture Suppression Concrete Coating
Appearance (2 parts).....	Viscous Liquids
Odour.....	Low to None
Flammability.....	Non-Flammable
VOC (weight %).....	0
Coverage (per 4L).....	18.5m/200 ² ft
Compressive Strength (MPa/psi @ 7 days)	105/15,225
Shelf Life	3 Years
Toxicity.....	Serious eye irritation
	Skin Irritant, Avoid inhalation

FOR USE IN
INDUSTRIAL, INSTITUTIONAL,
COMMERCIAL, and FOOD PROCESSING
ENVIRONMENTS

PACKAGING



4 litre

16 Litre



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