



GH 230 EPOXY FLOORING COMPOUND

High Performance and Durable Coating System

• CHEMICAL RESISTANCE

• AESTHETICALLY PLEASANT

• ANTI-SLIP FINISH

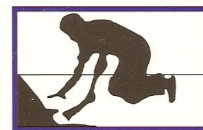
• HARD WEARING

• HYGIENE

• COLOUR RANGE



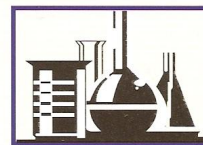
Industrial Plant



Seamless Coating



Health Care



Chemical Areas

Green

Grey

Red

Beige

White

Blue

Due to printing process, colours can only be approximate

GLOSCORE PHILIPPINES, INC.



GH 230 EPOXY FLOORING COMPOUND

DESCRIPTION

GH 230 Epoxy Flooring Compound is a self levelling, 2 part modified epoxy resin mix inert pigment and a polyamine hardener coating designed for commercial and industrial floors when abrasive, chemical and impact resistance properties are of primary consideration. It is wet applied resulting to a seamless non-porous floor surfacing ideal for food processing, plants, workshop, production area and health care establishments to prevent the development and growth of harmful bacteria which usually thrive on damp floor sections such as in tile joints and surface irregularities of uncoated concrete. **GH 230 Epoxy Flooring Compound** is easy to clean and maintain, non skid, and can be applied on steel and mineral substrates.

APPLICATIONS

COMPOUND 230A is a heavy duty floor topping recommended for factories requiring extremely durable floorings such as chemical plants, oil refineries, meat processing plants and other industrial and commercial establishments using heavy material-handling equipment or where the products being manufactured easily degrade concrete or steel substrates. GH 230 is mixed with oven dried silica quartz sand and laid out to an average thickness of 6mm by screed trowel.

COMPOUND 230B is for light industrial use. It is suitable for semiconductor and electronic plants, food factories, pharmaceutical companies, automotive assembly plants, etc. Mixed with silica sand, it is trowelled on at an average thickness of 3mm.

COMPOUND 230C is a self levelling coated system on concrete floors subject to light vehicle and pedestrian traffic as in garment factories, service station, warehouses, parking buildings, restaurants, hospitals and similar establishments as a thin coat application using brush or

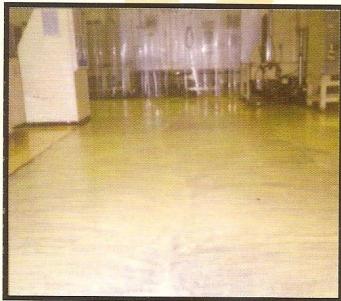
FEATURE:

- High performance, hard-wearing-durable with low no maintenance cost
- Resistance to a wide range of chemicals and liquids
- Abrasive resistant
- Available in range of colours
- Seamless
- Easily cleaned and improve hygiene in all environment
- Provides a high gloss finish or anti slip finish

SURFACE PREPARATION:

All surfaces to be coated with **GH 230 Epoxy Flooring Compound** must be clean, dry, free of oil, grease and other contaminants, and structurally sound. Repair cracked and spalled surfaces with **GH 240 Structural Epoxy** or must be filled up with high strength mortar to achieve a solid base for the coating. Neutralizes or acid etch new concrete and grind of laitance and other loosely adhering aggregates from the surface. Followed by washing with clean water and drying or by using a vacuum to removed dust and debris. Apply a primer coat of **GS 210** at rate of 15 to 18 sq. meters per gallon. For highly irregular substrates, level off by applying scratch coat of **GS 210** with fine aggregates or floorleveller 23.

Note: Any joints or cracks in concrete base where differential movement is anticipated e.g. movement joints, should be brought through to finish surface.



MIXING:

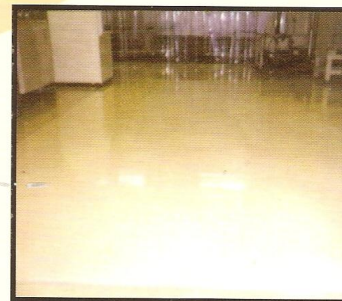
The individual components should be thoroughly stirred before being mixed together. The entire contents of the hardener container (Component B) should be poured in to the resin container (Component A) and the two material mixed thoroughly for at least 3 minutes using heavy duty slow speed drill and spiral paddle. Some of the mixed component should be reintroduced back to the hardener container in order to activate any residue and then poured back into the larger mixing vessel and re-mixed for 30 seconds. Mixing in this way will ensure product consistency and that any resin that remains in the container after the application will cure to provide for easier waste disposal.

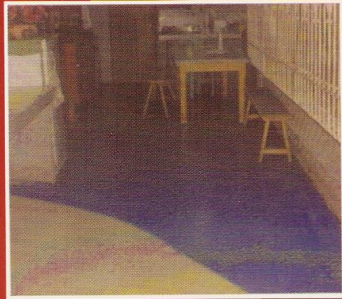
COATING:

The mixed Compound 230C Coating should be applied to the prepare surface using a brush or roller. Ensure that the entire surface is coated and that "ponding" of the materials does not occur. The second coat should be applied as soon as the first coat has initially dried after 4 hours. This time will vary depending upon the condition of the surface and the ambient temperature.

Provision for ventilation and air movement will be required. When using new rollers, ensure that all loose fibres are removed prior to use, any loose fibres released from the rollers will cause unsightly blemishes in the finished coating. For a non skid coating, a scatters of fine aggregate should be applied into wet coating (first coat) to seed the surface taking care to achieve a uniform distribution. The second coating application will then be encapsulate the fine aggregates.

The Compound 230A and Compound 230B can be smooth or textured finish with the use of fine aggregate silica sand. It can be mixed with the primer combine mixed of GH230 as screed trowel mortar with the required thickness to achieve a heavy duty floorcovering. Coverage of the pack will be reduced in this application.





LIMITATIONS:

These products should not be applied in temperature less than 10°C or where the ambient relative humidity is greater than 85%.
 Once the mixed material has exceeded the pot life the viscosity and the characteristic of the product changes and any unused product should be discarded at this time.
 Note: Product are manufactured under strict quality assurance procedures, however it is recommended that the colour consistency is essential, wherever possible, product from one batch should be used.

PHYSICAL PROPERTIES:

Components	:A - liquid epoxy resin B - modified polyamide hardener
Mix Ratio	:3 parts resin base (A) to 1 part hardener (B) by volume
Pot Life (Working Time)	:50 to 70 minutes
Initial Cure Time	:4 hrs.
Full Cure Time	:3 - 7 days
Foot traffic	: 24 hours
Comprehensive Strength	:12,000 psi (with sand fillers)
Tensile Strength	:6,500 psi
Packing	:Part A - 3/4 gallon :Part B - 1/4 gallon
Shelf Life	: Indefinite, as long as the components are not contaminated With each other and the product is stored in cool, dry place
Colors	:Available in standard colors such as white or beige, light gray made to order variants of the Regular color.

COVERAGE AND PACKAGING:

12 to 18 sq. mtrs. - 1 gallon set
 Note: These figure are theoretical, due to wastage and the variety and nature of substrate practical coverage figures may be reduce.

CAUTION:

Avoid contact with eyes and skin. Wash off uncured materials using soap and water. Store in cool, dry places.

Disclaimer: The use of this product is beyond the manufacturer's control and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usages.

STORAGE:

Shelf-life of 12 months if kept in a dry between 5°C and 30°C in the original unopened container. The product should be protected from frost, away from direct sunlight and sources of heat.



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