

KENPOXY 240

Multi component epoxy screed and repair compound



Description

KENPOXY 240 is a 4-component epoxy screed system designed to provide a hard and abrasion resistant surface for concrete floors. Spread by trowel in thicknesses of 5mm and above, KENPOXY 240 is also suitable for use as a coving or Skirting formation.

Primary uses

KENPOXY 240 floors have very high mechanical properties and gives superior abrasion and wear resistance for areas of heavy traffic.

KENPOXY 240 provides a good general chemical resistance, but as in all cases, of corrosive situations a full analysis of operating and exposure conditions is studied, followed by reference to chemical resistance data, to ensure product suitability.

KENPOXY 240 is non-tainting and is suitable for application where foodstuffs are processed and stored.

In wet areas, KENPOXY 240 floors can provide a slip resistant finish, by incorporating anti-slip aggregate.

Substrate Preparation:

KENPOXY 240 must be applied to a clean, dry substrate, free from dust, dirt, oil, grease and other contaminants. A well prepared surface will ensure a good adhesion between substrate and the epoxy screed.

KENPOXY 240 may be applied in the following industries:

- Loading bays
- Workshops floors
- Distribution warehouse
- Go downs/warehouses
- Production facilities
- Engineering workshops

NB - For further information on application possibilities contact KENBRO INDUSTRIES LTD, KENYA.

Advantages:

- High mechanical strength
- Abrasion resistant
- Slip resistant
- Non tainting
- Good chemical resistance

Packaging

KENPOXY 240 is supplied as a multi component kit of weight 31Kg, with color pack.

New construction:

Floors to be applied on concrete should be at least 28 days old and fully cured.

Consult KENBRO Technical Services Department for advice.

The removal of laitance and contaminants is best achieved by mechanical means such as abrasion grinding or scarifying.

Existing concrete:

All contamination must be removed and a sound, clean substrate exposed, especially oil stained floors. Mechanical means of preparation are preferred followed by the removal of dust and other loose debris using an industrial vacuum.

In areas of deep penetrating contamination by oils, greases and fats, hot compressed air, followed by impregnation with a low viscosity sealer / primer is the recommended treatment. Uneven concrete should be leveled to produce a roughened flat surface. Where repairs are required they can be carried out using KENPOXY 240 filled out with additional aggregate.

Expansion, control and isolation joints in concrete substrates should be carried through KENPOXY 240 floors and filled with a suitable sealant from the KENBRO range. Prior to application KENPOXY 240 should be stored under cover in air-conditioning and protected from extremes of temperature which may cause inconsistent workability, finish and cure times of the mixed material.

Priming:

Prime using KENPOXY Primer. Mix the two components using a slow speed drill with a suitable paddle. Mix until uniform consistency is obtained. The components are pre-weighed and should not be split or divided. Apply by brush or roller and work well into the surface. Apply according to the stated coverage. Allow to stand for 20 minutes before applying the KENPOXY 240 to check for absorption. If the surface becomes matt, showing absorption, re-prime the surface. Apply the KENPOXY 240 whilst the primed surface is still tacky. If the primer hardens re-prime within 24 hours.

Mixing:

Pour the hardener into the base, with the color pack and, using a suitable drill and paddle, mix the components together until a uniform color is achieved. Mixing should be for a minimum of one minute.

With the mixer still running, slowly pour the KENPOXY 240 powder and mix until the mixture is smooth and lump free. Always keep the mixing time constant for all batches, to ensure a uniform color of the applied overlay.

KENPOXY 240 systems are supplied in pre-weighed packs which should not be split or divided. It is important to use complete packs.

Sealing:

When the floor is subjected to chemical or oil spillage or when hygiene is important, the finished surface must be sealed. Consult KENBRO Technical Services Department for further details.

Coverage**Primer:**

Minimum 0.2kg/m².

MASTERTOP® 1240 PLUS – 28.06kg unit yields 13.1 litres (including colour pack)

MASTERTOP® 1240 PLUS Neutral – 27.66kg unit yields 12.8 litres.

Equipment care:

Remove uncured MASTERTOP® 1240 PLUS using CLEANING SOLVENT NO. 2.

Storage:

Store out of direct sunlight, clear of the ground on pallets protected from rainfall. Avoid excessive compaction and protect from extremes of temperatures.

Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult BASF's Technical Services Department.

Safety precautions:

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs (which can also be tainted with vapour until product is fully cured or dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Reseal containers after use.

Field service, where provided, does not constitute supervisory responsibility. For additional information contact your local BASF representative.

BASF reserves the right to have the true cause of any difficulty determined by accepted test methods.

Quality and care

All products originating from BASF's Dubai, UAE facility are manufactured under a management system independently certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and OHSAS 18001.

08/2000 BASF_CC-UAE revised 03/2010

* Properties listed are based on laboratory controlled tests.