

KENPOXY[®] 210



Multi component epoxy floor coating system (Car Park Coating)

Description

KENPOXY 210 is a multi-component epoxy floor coating system designed to provide seamless floor protection at thickness between 0.5mm and 1.5mm.

Primary uses

KENPOXY 210 floors have good wear and abrasion resistance and are recommended for many industrial application surfaces where hygiene and high gloss appearance is required especially Car Park Coating.

KENPOXY 210 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.

Substrate Preparation:

KENPOXY 210 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 coating.

KENPOXY 210 may be applied in the following industries:

- Car parking areas
- Car Workshops floors
- Pedestrian walkways
- Commercial Dining Halls and Canteens.
- Light Foot Traffic Areas
- Metal Structure protection

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

Advantages:

- Limited maintenance
- Abrasion resistant
- Easily applied
- Good chemical resistance
- Aesthetic Floor Finish
- An inexpensive floor finish

Packaging

KENPOXY 210 is supplied as a multi component kit of weight 26.46Kg, 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 2200 or KENPOXY 240 filled out with additional aggregate.

Expansion, control and isolation joints in concrete substrates should be carried through KENPOXY 210 floors and filled with a suitable sealant from the KENBRO range (Kenflex sealant PU). Prior to application KENPOXY 210 should be stored under shade in a ventilated area and protected from extremes of temperature which may cause inconsistent workability, finish and cure times of the mixed material.

Priming: (optional)

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 210 to check for absorption. If the surface becomes matte, showing absorption, re-prime the surface. Apply the KENPOXY 210 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 210 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 210 systems are supplied in pre-weighed packs which should not be split or divided. It is important to use and mix 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.

Equipment care:

Remove uncured KENPOXY 210 using KENBRO THINNER. Clean the tools with thinner.

Storage:

Store out of direct sunlight, clear off the ground on pallets protected from rainfall/heat.

Failure to comply with the recommended storage conditions may result in deterioration of the product or packaging.

Safety precautions:

Care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs. Protection from vapor until product is fully cured and dried is essential. 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 KENBRO representative.

KENBRO reserves the right to investigate the true cause of any problems encountered, or if the material does not perform to the expected level.

Coverage Primer:

Minimum 0.25kg/M².

KENPOXY 210 – 26.46kg unit yields 17.64 Ltrs (including color pack)

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