



EpiMax 2125

Penetrating Surface Hardener

Description

EpiMax 2125 Penetrating Surface Hardener is a water based, penetrating surface hardener for concrete floor slabs. Special inorganic reactive chemistry generates additional cementing agents that physically increase the strength of the surface concrete and fill the micropores to decrease porosity and increase abrasion resistance. This mechanism occurs by reacting with the free lime within the concrete itself to harden and densify the wearing surface. This process significantly increases the abrasion resistance while reducing potential damage caused through water borne and oil borne contaminants. This product is ideal for use in warehouses, distribution centres and car parks. EpiMax 2125 provides long lasting protection while not affecting the appearance.



Advantages

- Single pack
- Quick return to service
- Externally durable
- Water vapour permeable
- Cost effective
- Improves chemical and abrasion resistance
- Water based
- Maintenance free
- Excellent penetration
- Low VOC - meets "Green Star Building" code
- Does not alter the texture or look of the original surface
- Suppresses concrete dust

Typical applications:

- Warehouse facilities
- Manufacturing facilities
- Commercial centres
- Distribution centres
- Parking garages
- Roadways and highways

Typical properties:

- Light foot traffic: 3 - 4 hours approx. (25 deg C)
- Durability: Suitable for external exposure
- Wheeled vehicles: 24 hours approx. (25 deg C)
- Top coat adhesion: Excellent (with normal surface preparation)

Estimating data

15 ltr EpiMax 2125 = 75 - 150 m² depending on porosity

Application

All concrete surfaces should be at least 28 days old and structurally sound.

Prior to application, concrete surfaces should be completely cleaned of any surface contaminants that will affect penetration or appearance.

Allow surfaces to dry.

Remove the surface by grinding to a minimum 200 grit or desired surface finish to expose the aggregate.

EpiMax 2125 can be applied with a low pressure hand sprayer, mop or soft bristle brush/broom.

Application rate varies depending on porosity of the concrete and climatic conditions. Sometimes, dense or steel trowelled concrete may have a lower absorption rate, whereas older slabs may be more absorbent.

Flood onto the surface as a mirror-like wet liquid film for 20 minutes to ensure maximum absorption. Do not puddle.

Re-apply wet-on-wet if necessary. Avoid over-applying the sealer if the surface starts to dry off. Broom out puddles of excess material after 20 minutes.

Allow to dry and inspect.

Packaging

EpiMax 2125 is available in 15 litre packs.

Safety precautions

Read **Material Safety Data Sheet** before commencing any application. Keep away from children. Avoid contact with skin and avoid breathing vapour. Always provide adequate personal protection (gloves & goggles etc) during use. Always provide adequate ventilation, especially in confined spaces. If poisoning occurs, call Doctor or Poisons Information Centre.

Phone 13 11 26. If swallowed, DO NOT induce vomiting. Give plenty of water or milk. If skin contact occurs, quickly remove contaminated clothing and wash affected areas thoroughly with soap and water.



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