



# EpiMax 2150

## Concrete Densifier & Sealer

### Description:

EpiMax 2150 is a single component water based, penetrating concrete densifier and sealer for concrete slabs. Special inorganic reactive chemistry generates additional cementing agents that physically increase the strength of the surface concrete and seal the surface. This mechanism occurs by reacting with the free lime within the concrete itself to harden and densify the wearing surface and providing a sealing action at the same time.

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.

Additionally, the process reduces the risk of damage caused through contact with water borne and oil borne contaminants. EpiMax 2150 provides long lasting protection while not affecting the appearance.



### Advantages:

- Single pack
- Quick return to service
- Externally durable
- Breathable
- Reduces staining
- Reduces mould growth
- 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
- Excellent chloride ion resistance
- Cost effective

### Typical applications:

- Warehouse facilities
- Manufacturing facilities
- Parking garages
- Commercial centres
- Manufacturing facilities
- Distribution centres
- Retail centres
- Transportation terminals
- Lobbies & corridors
- Roadways & highways

### Typical properties:

- Solids content: 24- 25% w/w
- Light foot traffic: 3-4 hours approx. (25 deg C)
- Contact angle, water: >90 deg, typical
- Specific gravity: 1
- Wheeled vehicles: 24 hours approx. (25 deg C)
- Durability: Suitable for external exposure

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## **Estimating data**

20 ltr EpiMax 2125 = 100 sq m

200 ltr EpiMax 2125 = 1000 sq m

1000 ltr EpiMax 2125 = 5000 sq m

## **Application**

The EpiMax 2150 has been developed for application to fully cured concrete. Sweep, scrub or strip concrete to remove any surface contamination that might interfere with the application.

Do not allow overspray to reach glass or other finished surfaces. If so, flush immediately with water.

Apply the EpiMax 2150 to the slab by low pressure sprayer or by pouring directly onto the surface and distributing evenly by squeegee or roller. Typically, apply at the rate of 5m<sup>2</sup>/L. Work the product into the surface using soft bristle hand brooms, brushes or auto-scrubber.

Keep the slab "wet" with EpiMax 2150 for at least 30 minutes - add additional product to maintain a "wet" surface.

As it begins to thicken and gel underfoot, lightly spray the area with clean water to break up the thickened product and move the excess material to the next adjacent area to be treated.

Do not track EpiMax 2150 onto untreated concrete, as permanent foot prints or tyre marks can result.

Continue the application process until the entire floor has been treated.

When finished, remove all excess EpiMax 2150 from the surface completely. If excess product is allowed to dry on the concrete surface, a white residue will form that can only be removed by mechanical means such as grinding or sanding. Prevent this by completely removing any excess from the surface when application is complete.

## **Packaging**

EpiMax 2150 is available in 20, 200 and 1000 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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