



EPKOTE PE408

Food grade epoxy resin coating for water retaining structure

Description

EPKOTE PE408 is a two component solvent free epoxy resin coating system supplied in pre- weighed packs ready for use on-site. It is generally used to provide lining to those structure which subject to get in contact with food stuff and drinking water storage tanks. The cured film forms a hard but flexible coating with excellent adhesion to clean concrete, sand, cement and granolithic screeds, and certain metal surfaces. This product have excellent waterproofing properties with highly durable coat layer.

Uses

- On the surface subject to get contact to food stuffs
- Drinking water tanks and other water retaining structures
- Water reservoir and other soil retentions structures
- Water treatment plants, dairies, beverages industries, pharmaceutical industries and other
- food processing plants

Advantages

- Solvent free & non-toxic
- Lead free & supports green environment
- Durable coatings for water tanks
- Low maintenance costs
- Have food grade quality
- High resistance to a wide range of industrial chemicals
- Impervious finish provides easily cleaned surface
- Can be used on concrete, stones, bricks, steel etc. surfaces

Standard compliance:

- IS 9833:1981

Limitation

- Should not be installed on uneven and rough surface.
Should not be applied on running water substrate but, can be applied on damp surface.

Technical Information

Properties	Results
Adhesion bond strength	>1 N/mm ²
Pot life	1.5 hrs
Tack free time	2-4 hrs
Time between coats	4-16 hrs
Full cure	5 days
Wet film thickness (per single coat)	> 200 microns
Toxicity	Nil
Resistance to chlorine	Excellent
Solid content	100%

Method of Application

- It is essential that EPKOTE PE408 is applied to sound, clean, dry substrates in order to achieve
- maximum adhesion between the floor coating and substrate. Because it is a relatively thin coating.
- Steel substrates should be grit blasted to surface quality SA 2½ (BS 4232: Second Quality) and primed with a single coat.
- The entire contents of the hardener container should be poured into the base container and the two materials mixed thoroughly until lumps free smooth paste is obtain.
- The mixed EPKOTE PE408 should be applied to the prepared surface using brush or lamb's wool roller
- Ensure that the area is completely coated and that 'ponding' of the material does not occur. The second coat may be applied as soon as the first coat has initially dried (typically 12 to 18 hours).
- For better maintain regular cleaning of EPKOTE PE408 may be carried out using a rotary scrubbing machine with a water miscible cleaning agent or by hot water washing at temperatures up to 50°C.

Coverage

60 to 70 ft²/ kg @ 20°C microns for single coat

•(2 coat application is recommended for better result).

Packaging

- It is supplied in 1kg, 5kg & 20kg set.

Shelf-Life

- 12 months from the date of manufacturing if stored in cool & dry place under shaded area unopened

REDWOP CHEMICALS PVT. LTD.

Head office: 2nd Floor, Pearl plaza Complex, B/S GT Sheth School, Near KKV Hall, 150ft Ring Road, Rajkot- Pin.360005 Gujarat, India.

✉ info@redwop.net

🌐 www.redwop.net

☎ +91 97246 55551

☎ +91 281 2576664