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DELTA OXYFLOOR SELF LEVELING ANTI STATIC

DESCRIPTION

Delta Oxyfloor Self Leveling Anti Static is a solvent-free, two component epoxy resin floor coating offering excellent chemical and abrasion resistance. The finished surface is high gloss, seamless, hygienic and available in a range of attractive colors.

RECOMMENDED USE

Delta Oxyfloor Self Leveling Anti Static is conductive in nature. This product is suitable for industrial or commercial floors where an anti-static or conductive surface required. It is most recommended for interior surfaces of clean rooms such as:

- Electronic factories
- Computer room
- Hospitals
- Printing factories
- Pharmaceutical factories
- Oil & Gas Facilities
- And other factories and locations dealing with hazardous dust, inflammable gases or liquids.

Excellent adhesion to concrete, mortar, screed and a limited number of other surfaces make Delta Oxyfloor Primer Anti Static ideal for many medium to heavy industrial areas

PRODUCT DATA

Colour	Shown in the color card
Finish	Glossy
Solids by Weight (mixture)	95 ± 2%
Flash Point	> 100°C (Setaflash)
Surface Resistance	10 ⁴ to 10 ⁶ ohms for top coat
Recomended DFT	1000 microns (min) & 2000 microns (max)
Theoretical Coverage	0,75 m2/kg-set @1000 microns DFT 0,25 m2/kg-set @3000 microns DFT
Specific Gravity (mixture)	± 1,2
Hard dry	10 hours (30°C)
Full cure	7 days (30°C)

The Information given above is based upon our practical knowledge and experience, but, for improvement of product, is subject to change without prior notice. Due to different materials or substrates use as well as to varying working conditions which are beyond our control, we strictly recommended to carry out trials and to consult our technicians. PT. Putramataram CI guarantees the constancy of the products.

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Bonding Strength	>2.8 N/mm ² (concrete failure)
Packaging	5 kg-set & 20 kg-set
Storage Stability	One year if stored cool and dry and in original not opened boxes (Do not store below freezing point)

APPLICATION DETAILS

Application Method	Roller or Brush
Mixing Ratio (by weight)	Comp A : Comp B = 4 : 1
Recoating interval	12 – 18 hour (30°C)
Temperature	Minimum 10°C Maximum 40°C
Pot-life	24 minutes at 25°C (reduced at higher temperatures) 45 minutes after poured on to the floor
Thinner/Cleaner	Epoxy thinner
Recommended Primer	Delta Oxyfloor Primer Anti Static

Note: Practical coverage rates will be affected by surface profile/porosity and application techniques.

SURFACE PREPARATION

Compressive strength of concrete floor must be more than 25 N/mm². Direct trowl finish concrete without cement render is the best surface condition for epoxy flooring. Age of concrete should be more than 28 days and moisture content should be less than 5%. The temperature of the substrate must be at least 3°C above the current dew point temperature

Good ventilation is necessary when the paint is used in confined spaces. Correct substrate preparation is critical for optimum performance. Surfaces must be structurally sound, clean and free from loose particles, oil, grease and all other contaminants. Remove oil, grease and wax contaminants by scrubbing with industrial grade detergent or degreasing compound followed by mechanical cleaning. Cement laitance, loose particles, mould release agent, curing membrane and other contaminants must be removed from surface by shot blasting, scarifying or grit blasting followed by vacuum cleaning. After pretreatment of the substrate, the bonding strength of the substrate must be at least 1.5 N/mm². Delta Oxyfloor Primer Anti Static should not be exposed to water, chemicals or mechanical stress until it is fully cured.



RECOMMENDED SYSTEMS

The following are examples only. System thickness depends on floor requirement

- | | | |
|----|--|-----------------|
| 1) | 1x DELTA Oxyfloor Primer Anti Static | 50µm (D F T) |
| | 1x DELTA Oxyfloor Self Leveling Anti Static | 1000 µm (D F T) |
| 2) | 1x DELTA Oxyfloor Primer Anti Static | 50µm (D F T) |
| | 1x DELTA Oxyfloor Self Leveling Anti Static | 2000 µm (D F T) |

HEALTH AND SAFETY

A health and safety data sheet is available for this product on request. Please observe the precautionary notices on the container. Apply under well-ventilated conditions. Do not breathe or inhale vapour. Avoid skin contact. Spillage on skin should immediately be removed with suitable cleaner, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

CONTAMINATION

If the surface preparation system used has not removed deeply penetrating contamination such as oil, blasting the substrate with hot compressed air followed by an application of a sealing compound can be considered. Consult your local Putramataram Technical Department for further information.
