



E4

POLYWED EPOXY CLEAR

Is clear, two part, solvent free epoxy, high flowable self leveling system specially formulated to be used in decorative artworks. It is abrasion and chemical resistant.

EPOXY **PRIMER** **CLEAR EPOXY**

Some special fillers or colored grains could be added to POLYWED EPOXY CLEAR acting as a third component to form variable decorative flowable slurries.

USES

- Sparkling floors of airports, hotels, conference and meeting halls, clubs, showrooms, hospitals, restaurants, museums, luxurious entrances, cinemas, theatres and other recreation centers.
- Over other colored epoxy to give the deep and reflective feelings
- For individual artworks over floors such as logos, instructions and advertisements.
- Chemical industries flooring.

ADVANTAGES

- Good abrasion & slip resistant surface.
- Could be applied for a wide range of thicknesses.
- Reflective smooth finish.
- Hygienic, anti bacterial & fungus growth.
- Waterproof.
- Sun rays and UV resistance.
- Long Pot life, Suitable for hot climates.

SHELF AND STORAGE

12 months storage life if stored in its original unopened containers under dry and shaded place in a temperature from 5oC to 35oC.

CHEMICAL RESISTANCE

The fully cured POLYWED EPOXY CLEAR is resistant to a wide range of chemicals including the common acids, alkalis and solvents, such as Sulfuric Acid, Hydrochloric Acid, Ammonium Hydroxide, Xylene, and White Spirit, as well as Diesel, Gasoline, Engine oils, and detergents.

COVERAGE

1.02 kg/m²@1000 mic thick

TECHNICAL PROPERTIES

Form	Thick Liquid
Solids Content, %	70
Full dry (ASTM D2471) hrs @ 25oC	10
Full Cure (ASTM D1640) time days @ 25oC	7
Shore D Hardness (ASTM D 2240)	D4541) N/mm2
Flexural Strength N/mm2	54±1
Abrasion Resistance (ASTM D 4060)	60 mg/1000 cycles (C10 wheels)

PACKAGING

15 and 5 KG set

CLEANING

Clean all tools and application equipment immediately after use. Hardened and/or cured material can only be removed mechanically.

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APPLICATION INSTRUCTION

Surface preparation

POLYWED EPOXY CLEAR is applied on sound, clean, and dry substrates in order to achieve maximum adhesion oil and grease could be removed, sand blasting or by steam cleaning.

Mixing

Stir the base only separately. The entire contents of the smaller can (hardener) could be poured into the base container and the materials should be mixed for at least one minute by mechanical mixer using a slow or medium speed mixing drill.

Application

Pour the mixed material onto the dry primed surface or the existing epoxy floor coating and spread to the required thickness using a notched steel trowel. After laying the material it should be rolled immediately with a spiked nylon roller to let the entrained air out.

LIMITATION

Don't apply POLYWED EPOXY CLEAR if:
The temperature of the surface is below 5°C or over 40°C.

TECHNICAL SUPPORT

POLYWED provides on-site assistance, as well as consulting services on projects when requested. Technical data sheets on other POLYWED products and guidance on their use are available on request.



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