

TECHNICAL DATASHEET

EPOXY TOPCOAT WATERBORNE 33

PRODUCT DESCRIPTION

Water-Based Epoxy is a two-component coating providing excellent durability, adhesion and chemical resistance. Water-Based Epoxy exhibits superior hardness with no odor. It is ideal for areas that require a durable, high performance and low odor finish. Suitable for food industries and areas where solvents are prohibited.

PRODUCT BENEFITS

- 1- Superb adhesion
- 2- Good early strength characteristics
- 3- Long pot life
- 4- Good chemical resistance
- 5- Excellent Hardness
- 6- Low odor

RECOMMENDED USES

For interior use, in areas where solvent based paint systems are unsuitable and where high durability is required: Dairies and milking factories, food factories and breweries, hospitals and schools, abattoirs and fisheries, warehouses, factories, workshops etc.

SURFACE PREPARATION

Surfaces should be clean and dry, free from oil, grease, salt, dust and other contaminants. All deteriorated previous coatings should be removed.

CHEMICAL & PHYSICAL PROPERTIES

Physical Properties

Technology	Epoxy
Physical State	Viscous Liquid
Appearance	Comp. A Liquid
	Comp. B Liquid

Two Components- requires mixing

Pot Life	4-6 hours
Color Range	Cf. catalogue

Component A

Specific Gravity, ISO 2811	1.06 g/cm ³
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Component B

Specific Gravity, ISO 2811	1.32 g/cm ³
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Component A+B

Drying Time, ASTM D 5895	6 hours
Recoat Time	12- 24 Hours
Opacity, ISO 6504-3	>90%

Sagging Resistance, ASTM D 3730	Excellent
Leveling, ASTM D 2801	Excellent

Scratching Resistance,	Excellent
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Coverage	60-70 m ² /Pail
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Chemical Properties

Epoxy Topcoat White

Component A

Solids by Weight	64 ±2%
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Solids by Volume	60 ±2%
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Component B

Solids by Weight	84 ±2%
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Solids by Volume	64 ±2%
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PRIMING

- 1- To cure pores and holes use Epoxy Putty with its corresponding hardener.
- 2- Prime surfaces with Epoxy Primer Waterborne.

THINNING/MIXING/APPLYING

Mix phase (A) with phase (B) according to the following ratios:

- Epoxy Topcoat White: 1:1.1 (A:B)

Thin with water (10-20%).

Apply one coat on the substrate. Recoat if necessary after 1-2 hours.

Clean tools and equipment with water immediately after use.

PACKING

In cylindrical tin containers of the following capacities:

- 1 US gallon = 3.78 L.
- 1 Pail (5 U.S.G.) = 20L

Each container is supplied with its appropriate pack of relative hardener.

STORAGE

Avoid frost & excessive heat.

The technical information contained in this Technical Data Sheet is to be understood as advice only and not binding in any respect.
All details about working with our products should be adapted to prevailing local conditions and materials used.