Epoxy Enamel Gloss High-Build



DAVIES® EPOXY ENAMEL is a two component, air drying, chem]ically-cured epoxy-polyamide interior topcoat finish. It is specially designed for industrialbuilding and marine applications with very good resistance to acid solution, brine, solvent, and other chemicals.solution, brine, and other chemicals.

FEATURES

- Very good chemical resistance
- Resists moisture and bacterial growth
- Good durability against abrasion and scratches
- Easy to clean and maintain

TECHNICAL DATA

TYPE
Epoxy-Polyamide

FINISH
Gloss

NON-VOLATILE
55%

SHELF LIFE
One year when stored in dry and cool conditions

PACK SIZE
4 Liter set

COLOR

- 90-00 White
- 90-420 Azure Blue
- 90-464 Light Gray
- 90-465 Battleship Gray
- 90-60 Black
- 90-623 Internatioal Orange
- 90-658 Emerald Green
- 90-661 Lemon Yellow
- 90-662 Caterpillar Yellow
- 90-626 International Red

RECOMMENDED USES

Interior concrete, wood and metal surfaces



Great use for metal surface transportations like cruise ships, cargo ships.



Large metal surface infrastructures like telecommunication towers and metal railings.

APPLICATION

APPLICATION METHOD
Roller, Brush and Spray

CLEAN-UP
DAVIES® 95 Epoxy Reducer

DRY FILM THICKNESS
40-45 microns / coat

PRACTICAL COVERAGE
35-40 m² per 4 liter coat depending on surface porosity

MIXING RATIO
3 volume parts **DAVIES® Epoxy Enamel Base**
1 volume part **DAVIES® Epoxy Enamel Hardener**

POT LIFE
8-16 hours

DRYING TIME
Drying Time : 8-10 hours
Recoating Interval : 4-6 hours

THINNING
Brush/Roller- use AS IS; if necessary dilute with not more than 1/4L **DAVIES® 95 Epoxy Reducer** per 4L **DAVIES® Epoxy Enamel**

SPRAY- Dilute with not more than 1L **DAVIES® 95 Epoxy Reducer** per 4L **DAVIES® Epoxy Enamel**

DAVIES® EPOXY ENAMEL NON-TOXIC is a two component, airdrying, chemically- cured epoxy coating system specially formulated for steel and masonry surfaces. When fully cured, it is completely odourless, tasteless and non-toxic. It exhibits excellent resistance to acid solution, brine, and other chemicals.

FEATURES

- Meets drinking water hygiene standards
- High solids content; high film thickness
- Very good water and abrasion resistance
- Excellent adhesion to properly prepared surfaces

TECHNICAL DATA

TYPE
Epoxy-Polyamide

FINISH
Gloss

COLOR
White

SHELF LIFE
One year when stored in dry and cool conditions

NON-VOLATILE
56%

PACK SIZE
4 Liter set

RECOMMENDED USES

In food processing industries and potable water tanks.



For industrial and residential water tanks.



Suitable and safe to use in food processors and machines.

APPLICATION

APPLICATION METHOD
Roller, Brush and Spray

DRY FILM THICKNESS
40-45 microns / coat

DRYING TIME
Drying Time : 8-10 hours
Recoating Interval : 4-6 hours

POT LIFE
8-16 hours

CLEAN-UP
DAVIES® 95 Epoxy Reducer

MIXING RATIO
9 weight parts **DAVIES® Epoxy Non-Toxic Enamel Base**
1 weight part **DAVIES® Epoxy Non-Toxic Enamel Hardener**

PRACTICAL COVERAGE
30-35 sqm / 4 liter / coat depending on surface porosity

THINNING
Brush/Roller- If necessary dilute with not more than 1/4L **DAVIES® 95 Epoxy Reducer** per 4L **DAVIES® Epoxy Enamel Non-Toxic**

Spray- Dilute with not more than 1L **DAVIES® 95 Epoxy Reducer** per 4L **DAVIES® Epoxy Non-Toxic Enamel**



SURFACE PREPARATION

All surfaces must be clean, dry, free from dust, dirt, chalk, laitance, efflorescence, rust, grease, oil and other foreign materials.

PAINTING SYSTEM

A. Ferrous Metal

	No. of Coats	Product
Primer/Sealer	1	DAVIES® Epoxy Primer
Topcoat	2	DAVIES® Epoxy Enamel

B. Non - Ferrous Metal

	No. of Coats	Product
Pre-treatment	1	DAVIES® 900 Vinyl Wash Primer
Primer/Sealer	1	DAVIES® Epoxy Primer
Topcoat	2	DAVIES® Epoxy Enamel

C. Concrete

	No. of Coats	Product
Primer/Sealer	1	DAVIES® Epoxy Primer
Topcoat	2	DAVIES® Epoxy Enamel

D. Wood

	No. of Coats	Product
Primer/Sealer	1	DAVIES® Epoxy Primer
Topcoat	2	DAVIES® Epoxy Enamel



SURFACE PREPARATION

A. New Surfaces

- All surfaces must be clean, dry, free from dust, dirt, chalk, laitance, efflorescence, rust, grease, oil and other foreign materials.
- Wipe off oil and grease with solvent or lacquer thinner.
- Remove rust, mill scale, and stains with sandpaper, wirebrush, or other abrading methods.
- Treat iron surfaces with heavy coating of rust and scale with **DAVIES® 200-X Rust Converter**, wipe off residue and clean with lacquer thinner.
- Apply the appropriate metal primer immediately after cleaning and drying to avoid the onset of corrosion.

B. Previously Painted Surfaces

- If the existing paint is still sound but shows slight chalking, sand lightly and wipe off dust.
- Remove cracked, peeling off old paint by scraping, wire brushing, or sanding. Use **DAVIES® 300-X Strip-eze Paint Remover** to aid in scraping off old paint.
- Treat heavily corroded surfaces with **DAVIES® 200-X Rust** Converter, wipe off residue and clean with lacquer thinner.
- Apply the appropriate metal primer immediately after cleaning and drying to avoid the onset of corrosion.

PAINTING SYSTEM

A. Ferrous Metal

	No. of Coats	Product
Primer/Sealer	1	DAVIES® Epoxy Primer
Topcoat	2	DAVIES® Epoxy Enamel

EPOXY ENAMEL

Lemon Yellow DV-90-661	Caterpillar Yellow DV-90-662	International Orange DV-90-623	International Red DV-90-626
Azure Blue DV-90-420	Emerald Green DV-90-658	Light Gray DV-90-464	Battleship Gray DV-90-465

EPOXY PRIMER

Zinc Phosphate Yellow DV-92-42	Medium Gray DV-92-66	Gray DV-92-61	Red Oxide DV-92-10

STORAGE AND HANDLING

- Keep container closed when not in use.
- Store in a cool, dry and well-ventilated space.
- Do not transfer contents to other containers for storage.
- In case of spillage absorb with inert materials such as sand.