



BRADITE EPOXY EW99

Epoxy Coating/Finish

A two pack water thinned, amine adduct cured epoxy coating and finish paint, for floors, walls, structural steel and machinery.

Properties and Areas of Use

Tough, hard wearing film, easy to clean and decontaminate.

Self priming anticorrosive action, for direct application to steel and suitably prepared non ferrous metals.

No odour and tainting of food, when in use.

Resistant to many chemicals and solvents.

Inhibits the growth of fungus and bacteria.

Can be used in common internal areas as an anti graffiti coating.

No discomfort or disruption for nearby operatives, due to no solvent fumes, avoiding shutdowns for maintenance.

Safe after use, EW99 is certified as class O for surface spread of flame to BS476 parts 6 and 7 (test number 108827 and 108829).

Technical and General Information

(mixed material at 20°C)

Colour Range	Floor range BS4800 and RAL (others may be possible)
Sheen Level	Semi gloss
Specific Gravity	1.22
Solids by Volume	63% approximately
Dry film Thickness Range	50- 75 microns
Theoretical Spreading Rate	12 square metres per litre at 50 microns DFT (loss factors will apply in practice)
Surface Dry	3 hours
Overcoating Interval	14 hours minimum Maximum unlimited (after preparation)
Complete cure	6 days
Pot life	1 hours
Induction interval	None





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(Individual components)

Storage Life	12 months minimum
Flash point (Abel)	Non flammable
Volume mix ratio	2 base components 1 activator components

Suitable Surfaces

Concrete, clean of contamination, and suitably prepared. Steel, and non ferrous metals, clean of contamination and suitably primed.
Tiles, clean of contamination.

Application Climate

Substrate temperature should be 10°C or above application and for during cure, and a minimum of 3°C above the dew point. Relative humidity should be below 65%, and adequate dry air ventilation supplied during drying.

Application Information

Thinning should only take place after the two components have been thoroughly mixed. Application and use should always conform with the codes of practice described in BS 6150 and BS 5493. Mechanical mixing (stirrer) should always be used to prevent, incomplete mixing, which can produce uncured soft spots in the coating film after application.

Brush and Roller

Thin with 10% clean water before application for first coats on new absorbent surfaces for extra penetration. For subsequent coats material is ready for use.

Conventional Air Spraying

Thin with 10-20% clean water as required
Tip size - 2.0mm
Tip pressure - 60psi (0.4MPa) approximately





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Airless Spraying

Thin with 0-15% clean water as required
Tip size - 18 thou (0.46mm) approximately
Tip pressure - 2100 psi (15MPa) approximately

Cleaning Thinner

Equipment should be cleaned immediately after use firstly with water, then with Bradite TE36 thinner.

Summary Safety Information

Always refer to the Health and Safety sheet for the product before use, and observe the warning phrases on the label. In general avoid inhalation of spray mist and skin contact by the use of masks, gloves and other personal protection. Eyes should be copiously washed with water or proprietary wash, and medical attention obtained.

Skin should be thoroughly masked using a cleanser and soap and water. Product is non-flammable.

Cross Reference: Systems.

Documentation Origination Date: June 2001



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