



BRADITE EPOXY EF91

Epoxy Coating/Finish

A two pack polyamide adduct cured high build surface tolerant epoxy coating and finish paint, for structural steel and concrete substrates.

Properties and Areas of Use

Tough, hard wearing flexible film, recoatable after long periods of exposure.

Good chemical resistance, and excellent water and corrosion resistance in industrial and marine exposure.

Conforms with parts KU1A and KF1C of B55493

Cures at temperatures down to - 10°C.

Technical and General Information

(mixed material at 20° C)

Colour Range	BS4800 and RAL (others may be possible)
Sheen Level	Semi gloss
Specific Gravity	1.36
Solids by Volume	64% approximately
Dry film Thickness Range	75 - 100 microns
Theoretical Spreading Rate	8.5 square metres per litre at 75 microns DFT (loss factors will apply in practice)
Surface Dry	2 hours
Overcoating Interval	3 hours minimum Maximum unlimited
Complete cure	4 days
Pot life	8 hours
Induction interval	None (20 minutes below 10°C)

(Individual components)

Storage Life	12 months minimum
Flash point (Abel)	27°C
Volume mix ratio	4 base components 1 activator components





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Suitable Surfaces

Steel and non ferrous metals properly prepared and primed. Concrete free of contamination, dust and efflorescence, and properly prepared. Suitable existing coatings cleaned and abraded as necessary.

Application Climate

Substrate temperature can be -10°C or above for application and during cure, if free from water and ice and a minimum of 3°C above the dew point. Adequate dry air ventilation should be 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

Brush and Roller

Thin if required with 0-5% Bradite TE36 thinner.

Conventional Air Spraying

Thin with 5-20% Bradite TE36 thinner, as required.

Tip size - 3.0mm

Tip pressure - 60psi (0.4Mpa) approximately

Airless Spraying

Thin with 0-15% Bradite TE36 thinner, as required

Tip size - 19 thou (0.48mm) approximately

Tip pressure - 2100 psi (15Mpa) approximately

Cleaning Thinner

Equipment should be cleaned immediately after use with Bradite TE36 thinner.





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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 flammable. No sparks or flames. No smoking

Cross Reference: Systems.

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