



BRADITE EC88 Epoxy Coating/Finish

A two pack polyamide adduct cured epoxy coating and finish paint, for floors, structural steel, and glassfibre substrates.

Properties and Areas of Use

Tough hard wearing film.

Good chemical resistance, and excellent water resistance. Can be used with low slip additive for floors and decks.

Conforms with parts KU1A and KF1C of B55493.

Technical and General Information

(mixed material at 20°C)

Colour Range	Basic range of 6 colours (others may be possible)
Sheen Level	Semi gloss
Specific Gravity	1.40
Solids by Volume	52% approximately
Dry film Thickness Range	50- 75 microns
Theoretical Spreading Rate	10.2 square metres per litre at 50 microns DFT (loss factors will apply in practice)
Surface Dry	40 minutes
Overcoating Interval	14 hours minimum 6 days maximum
Complete cure	7 days
Pot life	2 - 3 hours
Induction interval	None (15 minutes below 10°C)





BRADITE EC88 Epoxy Coating/Finish

(Individual components)

Storage Life	12 months minimum
Flash point (Abel)	27°C
Volume mix ratio	3 base component 1 activator component

Suitable Surfaces

Steel and non ferrous metals properly prepared and primed. Concrete free of contamination, dust and efflorescence, and properly prepared, by acid etching (Bradite TA37), or for best results on floors vacuum blasting to a profile of 30-50 microns. Glassfibre prepared by abrading, clean, dry and dust free.

Application Climate

Substrate temperature should be 10°C or above for application and cure, 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 BS6150 and BS 5493. Apply first coat on concrete floors with material thinned 15-20%, to allow penetration and promote adhesion. Follow with two full coats, thinning only as required to ease application.

Brush and Roller

Thin if required with 0-10% Bradite TE36 thinner

Conventional Air Spraying

Thin with 10-25% Bradite TE36 thinner, as required.

Tip size - 2.0mm

Tip pressure - 60 psi (0.4MPa) approximately





BRADITE EC88 Epoxy Coating/Finish

Airless Spraying

Thin with 0-20% 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.

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 washed using a cleanser and soap and water. Product is flammable. No sparks or flames. No smoking.

Documentation Origination Date: June 1999



All the information submitted on this sheet is correct to the best of our knowledge and experience. Bradite Ltd reserves the right to modify data and systems sheets and procedures with reference to usage and application without further notice. The information supplied does not absolve users from responsibility to carry out their own tests and experiments, nor does it imply any legally binding assurance of certain properties or suitability for any specific purpose. Conditions of application and service may be beyond our control, so no liability whatsoever can be accepted on the basis of information supplied herein.

Office, Factory and Distribution Centre:
Bradite Limited Ogwen Valley Works, Bethesda,
Gwynedd, North Wales LL57 4YP, U.K.
Tel: 01248 600315 Fax: 01248 602782

Registered Office:
Bradite Limited, Collyhurst Road,
Manchester M40 7RR, England.
Tel: 0161 205 7722 Fax: 0161 205 7767