



Industrial Supplier of:

Abrasives
Adhesives
Chemicals
Coatings
Equipment
Lubricants
Sealants
Silicones
Tapes

Bradchem ISO9001 Registered Firm

BC EA5/9WB Primer & Top Coat is a two-component water-borne epoxy topcoat and single-coat paint.

Recommended for framework, service platforms, conveyors and other steelwork, machinery and equipment.

Features – Very good resistance against mechanical and chemical stress. Resistant to diesel and biodiesel fuel.

Colour Cards - Tamaspeed tinting

Gloss Groups – Semi-Gloss

Coverage –

Recommended Film Thickness		Theoretical Coverage
Dry	Wet	
60 microns	130 microns	7.7m ² /LT
100 microns	215 microns	4.7m ² /LT
120 microns	225 microns	3.9m ² /LT

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Thinner – Water

Mixing Ratio –

Base 1 parts by volume 168 series
Hardener 1 part by volume 0071019

Pot-Life (+23°C) –

1.5 hours

Solids Volume –

47 ± 2 volume % (SIO 3233)
62 ± 2 weight %

Density – 1.4KG / LT (Mixed)

Product Codes – BC EA5/9WB Primer & Top Coat

Application Conditions – All surfaces must be dry. The temperature of the ambient air, surface or paint should not fall below +15°C during application and drying. Relative humidity should not exceed 70%. The surface temperature of the steel should remain at least 3°C above the dew point.

Oil, grease, salts and dirt are removed appropriate means (ISO 12944-4).

Steel surfaces – Blast clean to grade Sa2.5 (ISO 8501-1). If blast cleaning is not possible, phosphating is recommended for cold rolled steel to improve adhesion.

Primed surfaces – Oil, grease, salt and dirt are removed from the surface by appropriate means, repairs any damage to the primer coat. Note the over-coating time of primer (ISO 12944-4).

Priming – BC EA9 Primer & Top Coat

Finishing – BC EA9 Primer & Top Coat

Painting – By airless spray or burh=sh. If necessary, the paint can be thinned 0-10%. Airless spray nozzle tip 0.011"-0.015" and nozzle pressure 140-180bar. Spray angle shall be chosen according to the shape of the object. 160 microns DFT should not be exceeded.

Mixing of Components – First stir the Base and Hardener separately. The correct proportions of Base and Hardener must be mixed thoroughly before use. Use mechanical mixer for mixing.

EU VOC 2004/42/EC-Limit Value – The Volatile Organic Compounds amount is 60gm/lt of paint mixture. VOC content of the paint mixture (thinned 10% by volume is 55 g/l).

Only for industrial and professional use.

Quality: All Bradchem LTD Products are supplied under the scopes of the company's fully documented quality system.

Warranty: Bradchem LTD warrants that the performance of the product supplied will confirm to the typical descriptions quoted within this Technical Data Sheet provided the material is stored correctly and used according to the procedures detailed in the Technical Data Sheet for the material.

Health & Safety: Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.

Legal Notice: The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Bradchem LTD accepts no liability arising out of the use of this information or the product described herein.