

A quick drying, low odour, cross linking, water thinned primer/finish coat, with excellent adhesion, stain blocking and anti-corrosive properties.

Recommended Areas of Use

For use as a low odour, quick drying scuff and moisture resistant, adhesion promoting, stain locking, anticorrosive coating for interior or exterior walls and trim, masonry (Brickwork/Concrete etc) ferrous metals, non-ferrous metals, common plastics (e.g. melamine and uPVC), ceramic tiles, glass, wood and existing painted surfaces. Exterior cladding offering hard wearing, flexible, weather and light resistance, ideal for use over existing cladding coatings (coil, plastisol and powder coatings with minimal preparation).

Certificates & Approvals

Manufactured under the auspices of an ISO 9001:2008 quality & ISO 14001:2004 environmental management systems. 2004/42/EC EU limit value for this product (Annex IIA/i: wb): 140g/l (2010). This product contains max 30 g/l VOC.

Properties

Gloss	Matt (approx. 4-8%)	Surface dry	30 Minutes
Theoretical Coverage	12 m ² /L/coat	Minimum over coating time	1 hour minimum*
Recommended number of coats	2 coats minimum	Maximum over coating time	Unlimited
Density	1.34 kg/L	Minimum application conditions	7°C or above for application (minimum of 3°C above dew point)
Volume solids	41.3%	Full Cure	7 days
Flash point (Abel closed cup)	Non-Flammable	Shelf life	2 years minimum in original unopened containers.
VOC	25 g/L	Colour range	RAL, British Standard, NCS
Thinner / Cleaning	Water		
Recommended wet film thickness	100 microns/coat	Recommended dry film thickness	40 microns/coat

Suitable Surfaces

Suitable for use over most properly cleaned and prepared interior and exterior commercial wood, plastic and metals. Compatibility with existing coatings should be confirmed by preparing and painting a test patch. Fully anti corrosive for application to ferrous and non-ferrous metals properly prepared. Seals most stains in the primer coat including water, nicotine, hard wood resin bleed, bitumen, asphalt, creosote and many more.

Application Information

*Drying times will be prolonged at lower temperatures.

All surfaces must be dry and dust free before coating. Application should always conform with the codes of practice described in BS 6150 and BS 5493.

Brush and Roller - supplied ready for use. Thin with 0-5% Water if required.

Conventional Air Spraying - Thin with 5-15% water as required. Tip size - 2.0mm.

Tip pressure - 60psi (0.4MPa) approximately.

Airless Spraying - Thin with 0-10% water as required. Tip size - 19 thou (0.48mm) approximately

Tip pressure - 2100 psi (15MPa) approximately.

Cleaning

Equipment should be cleaned immediately after use with water.

Specifications

Surface Preparation

Loose and non adhered contamination should be removed. Cleaning using Bradite TD39 Industrial Degreaser or methylated spirit is recommended to remove oils, grease and other contamination.

Intact areas of existing coatings should, ideally, be roughened by manual or mechanical sanding. Feather back exposed areas to a sound coating edge. Cracks and pits should be filled using a suitable filler before painting.

Substrate should be dust free and completely dry before coating.

Stain locking: Encapsulates stains in the primer coat, application of second coat will be required to hide and in extreme cases a third. One Can should be allowed to hard dry prior to overcoating this will take at least one hour, over application may result in longer drying times.

Aluminum, stainless steel, galvanised steel, copper and other metals: Cleaned and degreased with methylated spirit, and lightly abraded if possible. White salts on weathered galvanising must be removed during cleaning and degreasing. Light surface rusting can be treated with Bradite Rust Converter RC46. Heavy rusting to be removed to clean metallic finish (SIS-St 3).

New Wood: Ensure moisture content of the timber is below 15% before commencing application. Damp wood should never be painted as this may give rise to blistering, flaking, cracking and premature coating failure. Knots to be wiped using methylated spirit, for heavy or active knots spot prime with Aluminium Wood primer.

Hard Woods: Wipe with methylated spirit to remove excess resin, changing the face of the cloth regularly. Lightly abrade.

Green oak: Should not be painted unless it has been weathered for at least 6 months.

Exterior cladding, Powder coated, Varnish and Existing paint finish: Remove all loose and flaking paintwork. Degrease using Bradite TD39 Industrial Degreaser, followed by clean water rinse. Rub down thoroughly with a medium grade sand paper to provide a key and a defect free smooth surface, "feathering in" areas where paint has been removed.

UPVC, Formica, Melamine and Plastics: For long term performance, degrease using methylated spirit & lightly abrade surfaces.

New plaster walls: For plaster skim, allow at least four weeks for the plaster to thoroughly dry. Apply a primer coat by thinning the paint with a 5 to 25% (v/v) addition of clean water, depending upon the porosity of the substrate. Cut in by brushing at the same dilution recommendation as for priming, to promote flow and sealing of the substrate.

For new, fully plastered walls, allow at least six months for the plaster to thoroughly dry before painting.

This product is not recommended for painting lime or other natural plasters.

Masonry, brick, concrete: Clean, dry and free of contamination, existing coatings to be sound and well adhered any loose flaking material back to sound well feathered edge, new concrete or masonry to be fully cured. Mould or mildew to be removed and area treated with good quality fungicidal wash following manufacturers instructions.

Painting System

1st coat	Bradite ONE CAN OC63
2nd coat	Bradite ONE CAN OC63
3rd coat	Bradite ONE CAN OC63 [If required]

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.

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