BRADITE

BRITISH PAINT MAKERS SINCE 1938

PROTECTIVE COATINGS
PRODUCT GUIDE

BRADITE

BRITISH PAINT MAKERS SINCE 1938

Bradite has manufactured high quality paints for over 75 years, for a wide variety of industries and environments.

Bradite Protective Coatings are made with thorough care and preparation using only the best quality raw materials, combined with years of experience and proven technology.

Bradite is pleased to offer the benefit of this experience, with full product specifications and technical advice freely available.

A computerised tinting facility allows most finishes to be produced in BS 4800, 381C, RAL, NCS and ACE colours.

Paints can be obtained from local stockists or directly from Bradite via carrier, where no prompt local supply is available. Please see our website www.bradite.com or contact us directly to find your nearest stockist.

Bradite is an ISO9001 quality assured company and also holds ISO14001 environmental approval.

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FLOOR PAINT - OVERVIEW

	LIFE	COVERAGE m^2 per L*	CHEMICAL RESISTANCE	TIME TO RECOAT	DURABILITY	WATER-BASED	HYGIENE AREAS	PAGE
HD FLOOR + WALL EW99	✔✔✔	13	✔✔✔	14 HRS	✔✔✔	✔	✔✔✔	6
FLOOR PAINT DP5	✔	14	✔	16 HRS	✔	X	✔✔	7
FLOOR-IT DP9	✔✔	12	✔✔	1 HR	✔✔	✔	✔✔✔	8-9
RAPID PW74	✔✔	10	✔✔	8 HRS	✔✔✔	X	✔✔	10
FLOOR PRIMER ES40	✔✔	25	✔✔✔	2.5 HRS	✔✔✔	✔	✔✔✔	11
ROADLINE PAINT CR27	✔✔✔	5	✔✔✔	1 HR	✔✔✔	X	✔✔	12
EPOXY COATING EC88	✔✔✔	11	✔✔✔	14 HRS	✔✔✔	X	✔✔	13
FLOOR FINISH CF22	✔✔	10	✔✔✔	12 HRS	✔✔✔	X	✔✔	14

Our range of floor paints are made with thorough care and preparation using only the best quality raw materials, combined with years of experience and proven technology.

KEY: ✔✔✔ = Highly Recommended ✔✔ = Recommended ✔ = Satisfactory

FLOOR PAINT - PREPARATION GUIDE

Correct preparation is vital to ensure you obtain the full benefit from Bradite Floor Paints.

- Ensure that new concrete or screeded surfaces have fully dried out.This can be tested by taping a piece of polythene or laying a rubber mat onto the surface, leaving it overnight and seeing if the surface has sweated by the following morning. If it is noticeably darker under the polythene or rubber mat, then the floor is still drying out and must not be painted.
- Ensure that the substrate is thoroughly clean. Scrape off loose and flaking material and degrease using Bradite TD39 diluted with 9 parts clean water and a scrubbing action. Rinse with clean water.
- New power floated and smooth floors should be primed using Bradite ES40 Floor Primer or etched using Bradite TA37 Pre-Treatment for Concrete, then washed with fresh water and allowed to dry. Etching may need to be repeated until all laitance (loose cemeticious material) has been removed and the surface has a rough, grainy profile.
- To test concrete or screed floors are suitably prepared for painting, water dropped on the floor should soak in to give a dark patch, not droplets on the surface.
- For larger areas Vacuum Blast Cleaning or Scarifying may be more appropriate methods of surface preparation. Wooden floors should be clean and sanded to a smooth finish.
- Existing coatings should be checked for compatibility. They must be clean, sound, well adhered, well feathered and well abraded.
- All surfaces must be dry and dust free before coating.
- A number of Bradite floor coatings are suitable for external use. When painting external concrete it is important to check that the surface is above the water table and/or an intact DPM barrier is present.
- When using floor paints please ensure that the finished floor is safe against slips in all likely conditions.

HD FLOOR + WALL

EW99

CAN BE USED WITH A LOW SLIP ADDITIVE

SEE PAGE 15

A two pack water based epoxy coating and finish paint, for concrete, steel, ceramic and terracotta tiles.

- **Heavy-duty 2-pack water based epoxy coating for floors and walls.**
- **Superior resistance to fork-lift traffic and chemicals.**
- **No odour or tainting when in use.**
- **Easy to clean finish making it ideal for hygiene sensitive areas, hospitals, food preparation areas, breweries and bakeries etc.**

SUITABLE FOR		
Concrete, steel, ceramic & terracotta tiles, clean, free of contamination, dust, efflorescence, dry & suitably prepared. Interior use only.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
13m² per Litre*	3 Hours	14 Hours Min.
AVAILABILITY		**POT LIFE**
5L		1 Hour
PRIMER		**ADDITIONAL INFO**
Floor primer. See floor preparation guide - pg 5		2 pack product Thinner: Water

*At 50 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/hdfloorwall**

FLOOR PAINT

DP5

Top quality polyurethane resin based semi-gloss finish paint with excellent wash and wear resistance, for concrete and wooden floors subject to light to medium traffic.

- **Tough, hard-wearing film.**
- **For use on concrete, wooden and suitably primed steel floors.**
- **Prevents dusting of concrete floors.**

SUITABLE FOR		
Concrete, wooden, & steel floors, clean, free of contamination, dust, efflorescence, dry & suitably prepared. Interior & limited exterior use.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Semi Gloss	6 ready mixed colours, full BS & RAL to mix.
COVERAGE	**TOUCH DRY**	**RECOAT**
14m² per Litre*	2 Hours	16 Hours Min.
AVAILABILITY		**POT LIFE**
1L 2.5L 5L		-
PREPARATION	**ADDITIONAL INFO**	
See floor preparation guide - pg 5	Thinner: TW35	

*At 30 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/floorpaint**

FASTER PAINTED FLOORS

AVAILABLE IN ALL RAL, NCS & BS COLOURS ++ PLUS ++ BLACK & WHITE

FLOOR-IT Floor-it is a single pack product that is re-coatable in just one hour. Formulated for use in light to medium-traffic situations it is ideal for factory walkways and general shopfloor usage where speed of completion is a major consideration.

The high-performance ambient crosslinking water-based acrylic floor paint has no odour and is suitable for use internally or externally on appropriately prepared concrete, wood, metal, or asphalt surfaces. It can also be used on polyurethane, epoxy and chlorinated rubber coated floors.

RECOAT IN 1 HOUR LIGHT USE 16 HOURS

The semi-gloss finish is extremely durable with excellent adhesion. Applied by either spray, brush or roller, it has a coverage, depending on the porosity of the substrate, of up to 12 square metres per litre.

USE FLOOR-IT ON:

INTERIOR / EXTERIOR:

- ✔ CONCRETE
- ✔ WOOD
- ✔ TARMAC
- ✔ ASPHALT
- ✔ STEEL
- ✔ ALL COMMON FLOOR PAINTS
- ✔ CHLORINATED RUBBER

IDEAL FOR:

- ✔ GARAGES
- ✔ WORKSHOPS
- ✔ KITCHENS
- ✔ BATHROOMS
- ✔ STAIRCASES
- ✔ LIGHT INDUSTRIAL TRAFFIC

FLOOR-IT

CAN BE USED WITH A LOW SLIP ADDITIVE

SEE PAGE 15

A single pack, quick drying, low odour water thinned floor coating suitable for use on interior and exterior concrete, wood, tarmac, asphalt, steel, all common floor paints and chlorinated rubber.

- Mark/stain/petrol resistant.
- Non-yellowing.
- Quick drying and easy to apply.
- Minimal disruption - floors ready for light use in 16 hours.
- Ideal for garages, workshops, kitchens, bathrooms, staircases and light industrial traffic.

DP9

SUITABLE FOR		
Suitable for use over properly cleaned and prepared substrates including interior and exterior concrete, wood, tarmac, asphalt, steel, all common floor paints and chlorinated rubber.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Semi Gloss (approx. 35% sheen)	Black, White, BS, NCS & RAL.
COVERAGE	**TOUCH DRY**	**RECOAT**
12m^2 per Litre*	30 Mins	1 Hour Min.
AVAILABILITY		
5l 2.5l		
ADDITIONAL INFO		
Water based, interior/exterior use.		

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/floorit**

RAPID

A single pack polyurethane coating and finish for internal use, for concrete, wood or steel floors.

- **Tough, hard-wearing flexible film.**
- **Quick drying.**
- **Can be used clear as a floor sealer.**
- **Suitable for fork-lift traffic after 48 hours. Recoat in 8 hours and cures as low as -5°C.**

SUITABLE FOR		
Concrete, wooden, steel floors, clean, free of contamination dust, efflorescence, dry & suitably prepared. Interior use only.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Gloss	Lt Grey, red & clear + BS & RAL to order
COVERAGE	**TOUCH DRY**	**RECOAT**
10m² per Litre*	2 Hours	8 Hrs Min. 16 Hrs Max
AVAILABILITY		**POT LIFE**
5L		-
PREPARATION	**ADDITIONAL INFO**	
See floor preparation guide - pg 5	Max recoat: 16 hours Thinner: TP33	

*At 60 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/rapid**

FLOOR PRIMER

A high performance two pack water based floor primer for power floated, porous concrete and quarry tiles.

- **Recoat time 2½ hours, allowing primer and top coat to be applied in the same day.**
- **Low odour, non-taint, ideal for food areas.**
- **Will cover 25m² per Litre.**

SUITABLE FOR		
Dense, power floated, porous concrete, terracotta and quarry floor tiles. Clean, dry and suitably prepared. Can be used as a floor sealer.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	N/A	Clear
COVERAGE	**TOUCH DRY**	**RECOAT**
25m² per Litre*	1 Hour	2.5 Hours
AVAILABILITY		**POT LIFE**
5L		1 Hour
PREPARATION	**ADDITIONAL INFO**	
Clean, dry and dust free.	Thinner: Water. Product to be thinned before use	

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/floorprimer**

ROADLINE PAINT

CR27

A quick drying, universal road marking and line paint suitable for application on asphalt, concrete and brick, on roads, runways, car parks and sports facilities. Bradite CR27 Roadline Paint is made purely with chlorinated resin making it highly durable and water resistant.

- **Good adhesion, surface dry in 10 minutes.**
- **Excellent abrasion resistance.**
- **No bleeding on asphalt or bitumen.**

SUITABLE FOR		
Asphalt, bitumen, concrete & brick on roads, car parks, & sports facilities. Dust free, dry & clean of any contamination. Interior & exterior.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell	White & Yellow, BS & RAL to order.
COVERAGE	**TOUCH DRY**	**RECOAT**
$5m^2$ per Litre*	10 Mins	1 Hour Min.
AVAILABILITY		
5L		
ADDITIONAL INFO		
Thinner: TB34		

*At 220 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/roadline**

EPOXY COATING

CAN BE USED WITH A LOW SLIP ADDITIVE

SEE PAGE 15

Solvent-based, 2 pack epoxy coating and finish paint for concrete and suitably primed steel floors.

- **Tough, hard-wearing film.**
- **Superior resistance to heavy traffic and chemicals.**
- **Suitable for water immersion, not to be used for drinking water or fish ponds.**

SUITABLE FOR		
Concrete & steel floors, clean, free of contamination, dust, efflorescence, dry & suitably prepared. Interior use.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Semi Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
11m² per Litre*	3 Hours	14 Hours Min.
AVAILABILITY		**POT LIFE**
5L		2-3 Hours
PREPARATION	**ADDITIONAL INFO**	
See floor preparation guide on pg 5	Thinner: TE36	

*At 50 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/epoxycoating**

FLOOR FINISH

A high build, chlorinated rubber based coating and finish.

- **Suitable for use on concrete and steel floors, also highly resistant to chemicals.**
- **Tough abrasion resistant film.**
- **Resistant to fungal growth.**
- **Cures at low temperatures -10°C**
- **Suitable for water immersion, not to be used for drinking water or fish ponds.**

SUITABLE FOR		
Concrete, steel, free of dust, efflorescence, dry and suitably prepared. Interior and limited exterior.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Semi Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
$10m^2$ per Litre*	1 Hour	12 Hours Min.
AVAILABILITY		
5L		
PREPARATION	**ADDITIONAL INFO**	
See floor preparation guide on pg 5	Thinner: TC32	

*At 45 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/floorfinish**

LOW SLIP AGGREGATE

LS30 is a hard Aluminium Oxide aggregate additive for floor and deck paints to give a low slip surface.

- **Tough, hard wearing particles for floors & decks subject to heavy traffic.**
- **Helps to prevent accidents on wet floor areas.**
- **LS30 stays suspended in the paint during application.**

SUITABLE FOR	
Additive to be added to all Bradite floor paints. Can be used with all Bradite coatings when used for floors in wet areas. Stir in to paint, mixing thoroughly to give an even finish.	
PARTICLE SIZE:	**COLOUR RANGE**
0.1mm	Light Grey
THEORETICAL SPREAD RATE	
0.25 - 1.00 Kilo per m^2	
AVAILABILITY	**ADDITIONAL INFO**
250ml	LS30 will stay suspended in the coating during application.
PREPARATION	
Stir pre measured pack size to 5lt of all Bradite floor paints	

Full health & safety and specification - **bradite.com/lowslip**

METAL & MACHINERY FINISHES - OVERVIEW

	LIFE	COVERAGE m^2 per L*	CHEMICAL RESISTANCE	TIME TO RECOAT	TOUGHNESS	WATER-BASED	HYGIENE AREAS	PAGE
FASTRAC ME53/SE53 - Gloss/Satin	✔✔	13	✔	16 HRS	✔✔	X	✔	18
ONE CAN OC64	✔✔	11	✔	1 HR	✔✔	✔	✔	19
HD FLOOR + WALL EW99	✔✔✔	13	✔✔✔	14 HRS	✔✔✔	✔	✔✔✔	20
EPOXY COATING EC88	✔✔✔	11	✔✔✔	14 HRS	✔✔✔	X	✔✔	21
CHLORINATED RUBBER CG23 (Gloss)	✔✔✔	12	✔✔✔	12 HRS	✔✔✔	X	✔✔	22
CHLORINATED RUBBER CC24 (Eggshell)	✔✔✔	10	✔✔✔	8 HRS	✔✔✔	X	✔✔	22

High performance coatings, many easily maintained and can be recoated after years of exposure.

KEY: ✔✔✔ = Highly Recommended ✔✔ = Recommended ✔ = Satisfactory

METAL & MACHINERY FINISHES - PREPARATION GUIDE

Correct preparation is vital to ensure you obtain the full benefit from Bradite Metal Paints.

New and unpainted steel

- High pressure water cleaning to remove all loose salts and other contaminants.
- Degrease using BRADITE TD39, with scrubbing plus high pressure water cleaning to remove any oil contamination not removed by high pressure cleaning alone, rinse with clean water and allow to dry.
- Mechanically or manually prepared steel to a clean metallic finish, SIS-St 3 minimum.
- Substrate to be dry, clean and free of contamination and dust free prior to coating.

Existing coatings

- Jet wash to remove all loose and flaking paint, salts and other contaminants.
- Degrease using Bradite TD39 diluted with up to 9 parts of warm water and scrubbing to remove any oil contamination not removed with jet washing alone. Rinse with clean water and allow to dry.
- Existing coatings should be well adhered with all edges tight and well feathered.
- Bare or rusted steel should be manually or mechanically abraded to a clean metallic finish (SIS-St 3).
- Substrate should be clean, dust free and dry before application.
- Spot prime with correct primer.
- Galvanised steel, aluminium and other non-ferrous metals should be roughened or lightly abraded.
- New bright galvanised steel should be degreased and treated with Bradite TM38 pre-treatment for galvanised steel.

FASTRAC

ME53/SE53

ME53 Gloss
SE53 Satin

A modified silicone and polyurethane alkyd coating with rust inhibiting pigmentation for added protection.

- **Tough, flexible coating, fast drying direct to bare and previously painted metal, wood and suitably primed non-ferrous metals.**
- **Superior coverage of 13m² per Litre. Heat resistant to 120°C.**
- **High opacity with outstanding application and flow out properties. Fastrac's silicone content ensures excellent exterior performance on all surfaces through superior UV and temperature resistance.**

SUITABLE FOR		
Degreased suitably prepared clean new and previously coated metal, wood and suitable primed non-ferrous metals.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Gloss (ME53) Satin (SE53)	Red, Yellow, Blue, Green, Black, White, Silver and Gold. ACE, BS, NCS & RAL.
COVERAGE	**TOUCH DRY**	
13m² per Litre*	2 Hours	
AVAILABILITY		**RECOAT**
250ml 1L 2.5L		16 Hours Min.
PRIMERS	**ADDITIONAL INFO**	
One Can, AP70, AP71	Thinner: Bradite TW35	

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/fastrac**

ONE CAN

ONE CAN is a single pack, quick drying, low odour, water thinned primer/finish coat, with excellent adhesion, stain blocking and anti-corrosive properties.

- **All-purpose water-based primer and finish in ONE CAN.**
- **Anti-corrosive on all metals.**
- **No primer required.**
- **Interior/Exterior durability.**
- **Sticks to all metals, woods & building plastics.**

SUITABLE FOR		
Suitable for use over properly cleaned and prepared metals, both ferrous and non-ferrous. Prime and finish with One Can.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell (approx. 25% sheen)	Black, White, BS, NCS & RAL.
COVERAGE	**TOUCH DRY**	**RECOAT**
11m² per Litre*	30 Mins	1 Hour Min.
AVAILABILITY		
5l 2.5l 1l		
ADDITIONAL INFO		
Water based, interior/exterior use.		

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/onecan**

HD FLOOR + WALL

CAN BE USED WITH A LOW SLIP ADDITIVE

SEE PAGE 15

Two pack water thinned epoxy coating and finish paint for internal steel, machinery, steel staircase and walkways or as a build coat for external steel.

- **No odour or tainting when in use, easy to clean finish, ideal for hygiene sensitive areas, hospitals, food preparation areas, breweries, bakeries.**
- **Resistant to many chemicals and solvents, tough hard-wearing and easy to decontaminate.**
- **Self priming anti-corrosive action, direct application to steel and suitably prepared non-ferrous metals.**

SUITABLE FOR		
Internal steel, machinery, staircasing, walkways and structural surfaces.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
13m² per Litre*	3 Hours	14 Hours Min.
AVAILABILITY		**POT LIFE**
5L		1 Hour
PRIMER	**ADDITIONAL INFO**	
EU96, EP92. See metal preparation guide on pg 15	2 pack product Thinner: Water	

*At 50 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/hdfloorwall**

EPOXY COATING

Two pack solvent-based epoxy coating and finish paint for use on structural steel, walkways and staircases, also ideal for water immersion.

- **Tough, hard-wearing film.**
- **Good chemical resistance and excellent water resistance.**
- **Ideal for water (non-drinking) and oil tanks.**

SUITABLE FOR		
Suitably prepared steel, clean free of contamination and suitably primed.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Semi Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
11m² per Litre*	3 Hours	14 Hours Min.
AVAILABILITY		**POT LIFE**
5L		2-3 Hours
PRIMER		**ADDITIONAL INFO**
EU96 EP92		Thinner: TE36

*At 50 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/epoxycoating**

CHLORINATED RUBBER

CAN BE USED WITH A LOW SLIP ADDITIVE

SEE PAGE 15

A high build gloss/eggshell, chlorinated rubber based finish.

- **Highly resistant to many chemicals (see pages 52/53).**
- **Gives good weathering properties when used as the finish coat in a protective paint system.**
- **Resistant to fungal growth.**
- **Can be used at low temperatures (0°C), water immersion - swimming pools etc. (Not suitable for drinking water or fish ponds.)**

SUITABLE FOR		
Steel and non-ferrous metals which are properly prepared and primed. Previous suitable coat - dry, clean and abraded.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	CG23 Gloss CC24 Eggshell	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
CG23 12m² per Litre* CC24 10m² per Litre*	30 Mins	CG23 12 Hrs Min. CC24 8 Hrs Min.
AVAILABILITY		
5L		
PRIMER	**ADDITIONAL INFO**	
CP26	Thinner: Bradite TC32	

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/chlorubber**

Bradite specialist coatings are suitable for many applications from coastal to industrial. Our coatings can be used on most substrates including steel, non-ferrous metals, wood, ceramic and terracotta tiles, cladding finishes and fibreglass.

Bradite can help with the correct advice, please contact us to discuss your requirements:

Sales: 01248 600 315
Technical Services: 01248 605 923
Fax: 01248 602 782
info@bradite.com www.bradite.com

CLADDING - OVERVIEW

	LIFE	COVERAGE m^2 per L*	FLEXIBILITY	TIME TO RECOAT	ADHESION	WATER-BASED	PAGE
CLADIT WC44	✔✔	10	✔✔✔	4 HRS	✔✔✔	✔	26
CLADIT+ Semi Gloss PC76	✔✔✔	12	✔✔✔	12 HRS	✔✔✔	X	27
CLADIT+ Gloss PG77	✔✔✔	12	✔✔✔	12 HRS	✔✔✔	X	28
ONE CAN OC64	✔✔	11	✔✔✔	1HR	✔✔✔	✔	29

Under normal weather conditions most cladding will last between 10-20 years before it starts to chalk, fade or crack. Applied correctly, Bradite Cladit and Cladit+ can extend the life time of cladding considerably.

KEY: ✔✔✔ = Highly Recommended ✔✔ = Recommended ✔ = Satisfactory

CLADDING - PREPARATION GUIDE

Correct preparation is vital to ensure you obtain the full benefit from Bradite Cladit Coatings.

- Thoroughly degrease using Bradite TD39 diluted with up to 9 parts water, rinse with clean water and allow to dry. This procedure should be carried out in conjunction with jet washing equipment at a pressure of no less than 1500psi and in such a way as not only to clean the surface but also to remove any loose and flaking material.
- Ensure that the existing cladding coating itself is well adhered to the substrate (carry out a series of adhesion tests if necessary). Scrape failed areas to a firm edge, making sure all edges are feathered.
- Spot prime any areas of exposed non-ferrous metal using two coats of correct Bradite primer.
- In extreme cases the non-ferrous coating itself may have broken down exposing the underlying steel substrate. Any such areas should be manually or mechanically prepared to clean bright metal (SIS St3) and spot primed using correct Bradite primer.
- Do not paint in adverse conditions. Temperature should be a minimum of 3°C above the dew point during application and cure. Rain on the surface shortly after application can affect the final appearance.
- Avoid painting in areas exposed to direct sunlight as this may accelerate drying and make application difficult.

CLADIT

A unique single pack water thinned polyurethane acrylic finish for long lasting protection of exterior cladding elevations.

- **Hard-wearing, flexible coating for use on steel structures and cladding.**
- **No need for primer, apply directly to intact cladding. Suitable for both wall and roof areas.**
- **Easy to maintain with excellent weathering resistance.**
- **Quick drying, water based coating with low VOCs.**

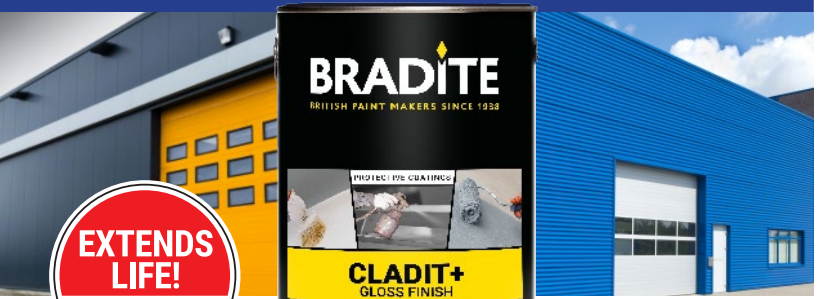
SUITABLE FOR		
Direct application to most external cladding including Plastisol and PVF2. Properly prepared, clean, dry, free of contamination and dust. Suitably prepared and primed steel, non-ferrous steel, fibreglass, concrete and mineral substrates.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Semi-Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
10m² per Litre*	1 Hour	4 Hours Min.
AVAILABILITY		**ADDITIONAL INFO**
5L		Thinner: Water
PREPARATION		
One Can. See cladding preparation guide on page 25		

*At 40 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/cladit**

CLADIT+

PG77/PC76



PG77 Gloss
PC76 Semi Gloss

A two pack polyurethane high build finis, for long lasting protection of exterior elevations on buildings and structures.

- **Tough, hard-wearing, flexible film, with excellent colour retention and weathering resistance.**
- **Good flexibility and excellent water resistance.**
- **Cures at low temperatures.**
- **Apply directly to suitably prepared powder and coil coatings.**

SUITABLE FOR		
Direct application to most external cladding including Plastisol and PVF2, properly prepared, clean, free of contamination, dust & dry. Direct to powder coatings, clean, lightly abraded, dry & free of contamination.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	PG77 Gloss PC76 Semi Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
12m² per Litre*	1 Hour	12 Hours Min.
AVAILABILITY		**POT LIFE**
5L		6 Hours
PRIMER	**ADDITIONAL INFO**	
EU96, EP92	Thinner: TP33	

*At 60 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/claditplus**

ONE CAN

ONE CAN is a single pack, quick drying, low odour, water thinned primer/finish coat, with excellent adhesion, stain blocking and anti-corrosive properties.

- **All-purpose water-based primer and finish in ONE CAN.**
- **Anti-corrosive on all metals.**
- **No primer required.**
- **Interior/Exterior durability.**
- **Sticks to all metals, woods & building plastics.**

SUITABLE FOR		
Suitable for use over properly cleaned and prepared metals, both ferrous and non-ferrous, sound existing coatings, powder coated & factory finish coatings & timber. Prime and finish with One Can.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell (approx. 25% sheen)	Black, White, BS, NCS & RAL.
COVERAGE	**TOUCH DRY**	**RECOAT**
11m^2 per Litre*	30 Mins	1 Hour Min.
AVAILABILITY		
5l 2.5l 1l		
ADDITIONAL INFO		
Water based, interior/exterior use.		

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/onecan**

SPECIALIST COATINGS - OVERVIEW

	LIFE	COVERAGE m^2 per L*	CHEMICAL RESISTANCE	TIME TO RECOAT	TOUGHNESS	WATER-BASED	HYGIENE AREAS	PAGE
CHLORINATED RUBBER CG23 (Gloss)	✔✔✔	12	✔✔✔	12 HRS	✔✔✔	X	✔✔	30
CHLORINATED RUBBER CC24 (Eggshell)	✔✔✔	10	✔✔	8 HRS	✔✔✔	X	✔✔	30
POLY LACQUER PL78	✔✔✔	15	✔✔✔	12 HRS	✔✔✔	X	✔✔	31
HD FLOOR + WALL EW99	✔✔✔	13	✔✔✔	14 HRS	✔✔✔	✔	✔✔✔	32
CLADIT+ SEMI GLOSS PC76	✔✔✔	12	✔✔✔	12 HRS	✔✔✔	X	✔✔	33
CLADIT+ GLOSS PG77	✔✔✔	12	✔✔✔	12 HRS	✔✔✔	X	✔✔	33
EPOXY COATING EC88	✔✔✔	11	✔✔✔	14 HRS	✔✔✔	X	✔✔	34

Bradite Protective Coatings are happy to offer the benefit of over 75 years of experience with full product specifications and technical advice freely available.

KEY: ✔✔✔ = Highly Recommended ✔✔ = Recommended ✔ = Satisfactory

CHLORINATED RUBBER

CG23 Gloss
CC24 Eggshell

A high build gloss or eggshell chlorinated rubber based finish.

- **Highly resistant to many chemicals (see pages 52/53).**
- **Gives good weathering properties when used as the finish coat in a protective paint system.**
- **Resistant to fungal growth.**
- **Ideal for water immersion, swimming pools, water tanks, immersed steel and concrete. Not to be used for drinking water or fish ponds.**

SUITABLE FOR		
Clean dry concrete or mineral substrate, free from dust and efflorescence. Previous suitable coat dry, clean and abraded as necessary.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	CG23 Gloss CC24 Eggshell	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
CG23 12m² per Litre* CC24 10m² per Litre*	30 Mins	CG23 12 Hours Min. CC24 8 Hours Min.
AVAILABILITY		
5L		
PRIMER	**ADDITIONAL INFO**	
CP26 - Steel application. Thinned CG23/CC24 - Pools.	Thinner: Bradite TC32	

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/chlorubber**

POLY LACQUER

A two pack polyurethane, clear coating and finish lacquer, for mineral substrates, and wood. Also suitable for bar tops and dance floors.

- **Tough, hard-wearing flexible film with excellent weathering resistance.**
- **Good chemical resistance and excellent water resistance.**
- **Can be used as an anti-graffiti coating on suitable substrates.**
- **Cures at low temperatures.**

SUITABLE FOR		
Steel, non-ferrous metals, wood, concrete & mineral substrates free of contamination, dust, efflorescence properly prepared & primed. Suitably prepared existing epoxy and polyurethane coatings.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Semi-Gloss and Gloss	Clear
COVERAGE	**TOUCH DRY**	**RECOAT**
15m² per Litre*	1 Hour	12 Hours Min.
AVAILABILITY		**POT LIFE**
2.5L		2 Hours
ADDITIONAL INFO		
Thinner: Bradite TP33		

*At 30 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/polylacquer**

HD FLOOR + WALL

CAN BE USED WITH A LOW SLIP ADDITIVE

SEE PAGE 15

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

- **Heavy-duty two pack water based epoxy coating for floors and walls.**
- **Self priming anti-corrosive action, for direct application to steel and suitably prepared non-ferrous metals.**
- **Superior resistance to heavy traffic and chemicals.**
- **Suitable for hospitals and kitchens - inhibits fungal & bacterial growth.**
- **Quick-drying, odourless and low in VOCs. Class '0' spread of flame.**

EW99

SUITABLE FOR		
Suitably prepared concrete, steel, non-ferrous metal, aluminium, ceramic & terracotta tiles. Floor & wall areas requiring regular deep cleaning.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
13m² per Litre*	3 Hours	14 Hours Min.
AVAILABILITY		**POT LIFE**
5L		1 Hour
PRIMER		**ADDITIONAL INFO**
ES40 for floor application. See floor preparation guide on pg 5		2 pack product Thinner: Water

*At 50 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/hdfloorwall**

CLADIT+

PG77/PC76

PG77 Gloss
PC76 Semi Gloss

A two pack polyurethane high build finish and coating, for long lasting protection of exterior elevations on buildings and structures.

- **Tough, hard-wearing flexible film, with excellent colour retention and weathering resistance.**
- **Good chemical resistance and excellent water resistance.**
- **Cures at low temperatures.**
- **Apply directly to suitably prepared powder coatings.**
- **Suitable as a finish coat for fibreglass structures.**

SUITABLE FOR		
Clean and properly prepared steel, non-ferrous steel, cladding, and powder coatings. Suitable for painting at low temperatures.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	PG77 Gloss PC76 Semi Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
12m² per Litre*	1 Hour	12 Hours Min.
AVAILABILITY		**POT LIFE**
5L		6 Hours
PRIMER	**ADDITIONAL INFO**	
EU96, EP92	Thinner: TP33	

*At 60 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/claditplus**

EPOXY COATING

Two pack polyamide adduct cured epoxy coating and finish paint, for floors, structural steel and fibreglass substrates.

- **Tough, hard-wearing film.**
- **Suitable for application to fibreglass, swimming pools, water tanks, storage tanks, steel and concrete. Not suitable for drinking water and fish ponds.**

SUITABLE FOR		
Clean and suitably prepared concrete, steel and fibreglass. Ideal for fibreglass swimming pools, slides and structures.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Semi Gloss	BS and RAL
COVERAGE	**TOUCH DRY**	**RECOAT**
11m² per Litre*	3 Hours	14 Hours Min.
AVAILABILITY		**POT LIFE**
5L		2-3 Hours
ADDITIONAL INFO		
Thinner: TE36		

*At 50 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/epoxycoating**

Bradite specialist coatings are suitable for many applications from coastal to industrial. Our coatings can be used on most substrates including steel, non-ferrous metals, wood, ceramic and terracotta tiles, cladding finishes and fibreglass.

Bradite can help with the correct advice, please contact us to discuss your requirements:

Sales: 01248 600 315
Technical Services: 01248 605 923
Fax: 01248 602 782
info@bradite.com www.bradite.com

PRE-TREATMENTS & PRIMERS - OVERVIEW

	LIFE	COVERAGE m^2 per L*	CHEMICAL RESISTANCE	TIME TO RECOAT	TOUGHNESS	WATER-BASED	HYGIENE AREAS	PAGE
ONE CAN OC64	✔✔	11	✔	1 HR	✔✔	✔	✔	38-39
FLOOR PRIMER ES40	✔✔	25	✔✔✔	2.5 HRS	✔✔✔	✔	✔✔✔	40
ACID ETCH CONCRETE PRE-TREATMENTS TA37	N/A	20	N/A	N/A	N/A	✔	X	41
INDUSTRIAL DEGREASER TD39	N/A	20	N/A	N/A	N/A	✔	✔	42
PRE TREAT GALVANISED STEEL TM38	N/A	20	N/A	N/A	N/A	✔	X	43
EPOXY BARRIER PRIMER EU96	✔✔✔	10	✔✔✔	8 HRS	✔✔✔	X	✔	44
FASTRAC ANTICO PRIMER AP71	✔✔	9	✔	4 HRS	✔✔	X	✔	45
FASTRAC GP ANTI-CORROSIVE PRIMER AP70	✔✔	12	✔	16 HRS	✔✔	X	✔	46

	LIFE	COVERAGE m^2 per L*	CHEMICAL RESISTANCE	TIME TO RECOAT	TOUGHNESS	WATER-BASED	HYGIENE AREAS	PAGE
SURFACE TOLERANT PRIMER EP92	✔✔✔	7.5	✔✔✔	3 HRS	✔✔✔	X	✔	47
CR ANTI-CORROSIVE PRIMER CP26	✔✔	10	✔✔✔	16 HRS	✔✔	X	✔	48
FASTRAC RUST CONVERTER RC46	N/A	20	N/A	3 HRS	N/A	✔	✔	49
HB MIO BUILD COAT EM97	✔✔✔	7.5	✔✔✔	3 HRS	✔✔✔	X	✔	50
HB MIO COAT/FINISH AM60	✔✔✔	12	✔✔	16 HRS	✔✔	X	✔	51

Primers for all systems and substrates, water-based, etch primers and surface tolerant for use on ferrous and non-ferrous metals.

KEY: ✔✔✔ = Highly Recommended ✔✔ = Recommended ✔ = Satisfactory

PRIME BLOCK FINISH

AVAILABLE IN ALL RAL, NCS & BS COLOURS ++ PLUS ++ BLACK & WHITE

ONE CAN is the first all-purpose water-based primer and finish in one can. It's a single pack, quick drying, low odour, water thinned primer and finish coat, with superior stain blocking and anti-corrosive properties.

The high-performance coating gives protection to many substrates, including interior and exterior joinery, metals, building materials, building plastics and cementicious surfaces. One Can blocks & locks stains in the coating, hiding tanning, knots, resinous bleed on hardwoods, and even locks in awkward water stains.

DRIES IN 30 MINS RECOAT IN 1 HOUR

It's easy to apply with a quick drying formulation that's touch dry after just 30 minutes and re-coatable after one hour.

One Can is a priming and finish system compatible with all water and oil-based finish coats, use it with confidence on all manner of substrates.

USE ONE CAN ON:

STAINS

- WATER DAMAGE
- KNOTS
- SMOKE DAMAGE
- TANNIN BLEED
- RUST
- NICOTINE STAINS

INTERIOR/EXTERIOR SUBSTRATES

- PLASTER WORK
- PLASTER BOARD
- HARDWOODS
- SOFTWOODS
- TANALISED TIMBER
- MARINE/REGULAR PLY
- AGED DEGREASED GALVANISED
- NEW DEGREASED GALVANISED
- CONCRETE
- ALUMINIUM
- STAINLESS STEEL
- POWDER COATINGS
- PVCu WINDOWS, DOORS etc.
- MDF
- PLASTISOL CLADDING
- FIBREGLASS & GRP
- AGED GLOSS PAINT
- GLASS & CERAMIC TILES
- FORMICA/MELAMINE
- COMMERCIAL CEILING TILES

ONE CAN

ONE CAN is a single pack, quick drying, low odour, water thinned primer/finish coat, with excellent adhesion, stain blocking and anti-corrosive properties.

- **All-purpose water-based primer and finish in ONE CAN.**
- **Blocks and locks stains.**
- **Anti-corrosive on all metals.**
- **No primer required.**
- **Interior/Exterior durability.**
- **Sticks to all metals, woods & building plastics.**

SUITABLE FOR		
Suitable for use over properly cleaned and prepared substrates including ferrous & non-ferrous metals, plastics, ceramic tiles, glass, hard/soft woods and most existing paint finishes.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell (approx. 25% sheen)	Black, White, BS, NCS & RAL.
COVERAGE	**TOUCH DRY**	**RECOAT**
11m^2 per Litre*	30 Mins	1 Hour Min.
AVAILABILITY		
5l 2.5l 1l		
ADDITIONAL INFO		
Water based, interior/exterior use.		

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/onecan**

FLOOR PRIMER

A high performance two pack water based floor primer for power floated, porous concrete and quarry tiles.

- **Recoat time 2½ hours, allowing primer and top coat to be applied in the same day.**
- **Low odour, non-taint, ideal for food areas.**
- **Will cover 25m² per Litre.**

SUITABLE FOR		
Dense, power floated, porous concrete, terracotta and quarry floor tiles. Clean, dry and suitably prepared. Can be used as a floor sealer.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	N/A	Clear
COVERAGE	**TOUCH DRY**	**RECOAT**
25m² per Litre	1 Hour	2.5 Hours
AVAILABILITY		**POT LIFE**
5L		1 Hour
PREPARATION	**ADDITIONAL INFO**	
Clean, dry and dust free.	Thinner: Water. Product to be thinned before use	

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/floorprimer**

ACID ETCH

Biodegradable mineral acid base in water and wetting agents designed as a pre-treatment for concrete surfaces.

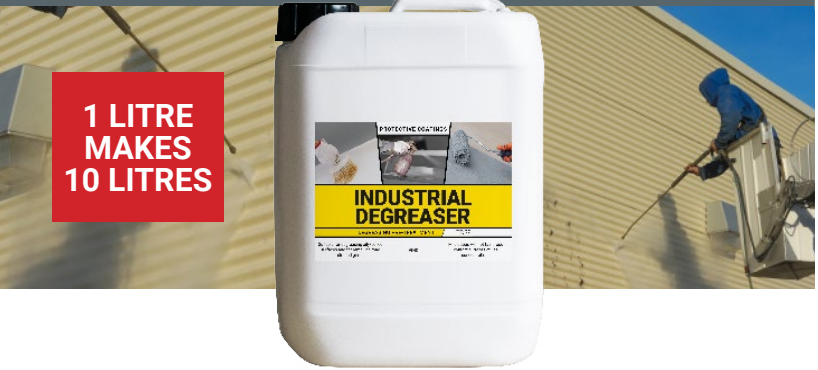
- **Pre-treatment for power floated, & very smooth concrete floors.**
- **Will cover 20m^2 per Litre.**
- **Removes excess lime from power floated or very smooth concrete floors to give improved adhesion to subsequent coatings.**

SUITABLE FOR		
Power floated, smooth concrete surfaces.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	N/A	N/A
COVERAGE	**TOUCH DRY**	**RECOAT**
20m^2 per Litre	N/A	N/A
AVAILABILITY		**POT LIFE**
5L		N/A
PREPARATION	**ADDITIONAL INFO**	
See floor preparation guide on pg 5	Rinse with clean water.	

Full health & safety and specification - **bradite.com/acidetch**

INDUSTRIAL DEGREASER

TD39



Alkaline, non-caustic, detergent base in water, designed as a degreasing pre-treatment for soiled and contaminated surfaces prior to painting.

- **Economical and safe degreasing alternative to solvents, suitable for degreasing oily/soiled surfaces and for removing road dirt and grime.**
- **Mild odour, will not taint food contact surfaces in usage concentrations.**
- **Biodegradable in general use, can be disposed of into foul drains, as surface active agents degrade according to EU requirements.**

SUITABLE FOR		
All substrates including Concrete, Plastic, Fibreglass and all finishes painted on steel and other substrates.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	N/A	N/A
COVERAGE	**TOUCH DRY**	**RECOAT**
20m² per Litre	N/A	N/A
AVAILABILITY		**POT LIFE**
5L 1L		N/A
ADDITIONAL INFO		
Dilute one part by volume TD39 with 9 parts clean warm water		

Full health & safety and specification - **bradite.com/degreaser**

PRE TREAT GALVANISED STEEL

TM38

Acid base in water and water miscible solvents, designed as a pre-treatment for galvanised steel.

- **Provides a key for all paint primers and finishes.**
- **Clean up with water after use.**
- **British Gas reference BGC MO1.**

SUITABLE FOR		
Galvanised Steel. Apply evenly and allow time to react, giving even black or dark grey surface.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	N/A	N/A
COVERAGE	**TOUCH DRY**	**RECOAT**
20m² per Litre	N/A	N/A
AVAILABILITY		**POT LIFE**
5L 1L		N/A
PREPARATION	**ADDITIONAL INFO**	
Surface should be cleaned and degreased before application	After the reaction surface should be rinsed with water.	

Full health & safety and specification - **bradite.com/pretreat**

EPOXY BARRIER PRIMER

EU96

A two pack epoxy primer for a variety of substrates with excellent adhesion to steel, galvanised steel and non-ferrous metals.

- **Suitable as a primer for a wide range of coatings, also suitable as a wet blast primer.**
- **Can be used in immersion conditions.**

SUITABLE FOR		
Two pack epoxy anti-corrosive primer with excellent adhesion to suitably prepared, blast clean to SIS-Sa 2½ or manually to SIS-St3, steel, galvanised steel, and non-ferrous metals.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell	Yellow
COVERAGE	**TOUCH DRY**	**RECOAT**
10m² per Litre*	30 Mins	8 Hours Min.
AVAILABILITY		**POT LIFE**
5L		14 Hours
ADDITIONAL INFO		
Thinner: Bradite TE36		

*At 50 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/barrierprimer**

FASTRAC ANTICO PRIMER

AP71

A very fast drying high build modified alkyd primer, pigmented with Zinc Phosphate.

- **High build can be applied up to 75-100 microns.**
- **Excellent protective properties against corrosion on properly prepared steel.**

SUITABLE FOR		
Suitably prepared steel degreased, blast clean to SIS-Sa 2½ min or mechanical/manually prepared to SIS-Sa 3 min. Previous suitable coat dry, clean and abraded as necessary.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell	Buff, Lt Grey, Green, Blue, Dk Grey, Red Ox' & White
COVERAGE	**TOUCH DRY**	**RECOAT**
9m^2 per Litre*	20 Mins	4 Hours Min.
AVAILABILITY		
1L **5L**		
ADDITIONAL INFO		
Thinner: Brush/roller - Bradite TE36, Spray - Bradite TX31		

*At 50 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/anticoprimer**

FASTRAC GP ANTI-CORROSIVE PRIMER

AP70

A general purpose fast drying modified alkyd primer, pigmented with zinc phosphate.

- **Suitable for general use as a system primer for steel.**
- **Good protective properties against corrosion on properly prepared steel.**

SUITABLE FOR		
Suitably prepared steel degreased, blast clean to SIS-Sa 2½ min or mechanical/manually prepared to SIS-Sa 3 min. Previous suitable coat dry, clean and abraded as necessary.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Flat	Dark Grey Red Oxide
COVERAGE	**TOUCH DRY**	**RECOAT**
12m² per Litre*	1 Hour	16 Hours Min.
AVAILABILITY		
5L		
ADDITIONAL INFO		
Thinner: Bradite TW35		

*At 35 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/gpanticoprimer**

SURFACE TOLERANT PRIMER

EP92

Two pack polymide adduct cured primer, for steel substrates, containing a high level of zinc phosphate anti-corrosive pigment

- **Tough, hard-wearing film which is flexible and abrasion resistant.**
- **Can be overcoated with most coating types.**
- **Cures to as low as 0°C.**

SUITABLE FOR		
Two pack epoxy anti-corrosive primer with excellent adhesion to suitably prepared, blast clean to SIS-Sa 2½ or manually to SIS-St3, steel, galvanised steel, and non-ferrous metals.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell	Grey Aluminium
COVERAGE	**TOUCH DRY**	**RECOAT**
7.5m² per Litre*	2 Hours	3 Hours Min.
AVAILABILITY		**POT LIFE**
5L		8 Hours
ADDITIONAL INFO		
Thinner: Bradite TE36		

*At 75 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/surfacetolerant**

CR ANTI-CORROSIVE PRIMER

CP26

A single pack high build, anti-corrosive chlorinated rubber based primer containing zinc phosphate.

- **Gives good anti-corrosive properties when used as the priming coat in a protective paint system.**
- **Can be used at low temperatures (0°C).**
- **Excellent acid and alkali chemical resistance.**

SUITABLE FOR		
Steel, blast cleaned to SIS - Sa 2½ minimum, or mechanically prepared to SIS - St 3. Previous suitable coat dry, clean and abraded as necessary.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell	Light Grey
COVERAGE	**TOUCH DRY**	**RECOAT**
10m² per Litre*	30 Mins	16 Hours Min.
AVAILABILITY		**POT LIFE**
5L		-
ADDITIONAL INFO		
Thinner: Bradite TC32		

*At 75 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/anticorrosive**

FASTRAC RUST CONVERTER

RC46

A single pack water thinned, air drying, rust converter, pigmented with zinc phosphate anti-corrosive pigments.

- **Converts low level corrosion to an inert substrate for painting.**
- **Water resistant film with good anti-corrosive properties.**
- **Non-flammable. Low odour.**
- **Suitable for use on structural steel and machinery.**
- **Can be applied over slightly damp surfaces.**

SUITABLE FOR		
Steel mechanically prepared to SIS St 3, by wire brush and disc or hand abrading.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell	White
COVERAGE	**TOUCH DRY**	**RECOAT**
20m² per Litre*	20-30 Mins	3 Hours Min.
AVAILABILITY		**POT LIFE**
1L		-
ADDITIONAL INFO		
The colour will change to black when the rust conversion has taken place.		

*At 75 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/rustconverter**

HB MIO BUILD COAT

EM97

A two pack high build epoxy coating and finish, pigmented with micaceous iron oxide. Suitable as a high build coating or finish in systems for steel substrates.

- **Tough, hard-wearing flexible film with good chemical resistance.**
- **Excellent anti-corrosive performance in industrial and marine environments.**
- **Recoatable after long periods of exposure.**

SUITABLE FOR		
Steel blast cleaned to SIS-Sa 2½, previous suitable coats and non-ferrous metals, metal sprayed steel or zinc primer free of contamination, dust, salts and properly prepared.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell	Grey
COVERAGE	**TOUCH DRY**	**RECOAT**
7.5m² per Litre	2 Hours	3 Hours Min.
AVAILABILITY		**POT LIFE**
5L		6 Hours
ADDITIONAL INFO		
Thinner: Bradite TE36		

*At 75 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/miobuild**

HB MIO COAT/FINISH

A high build modified alkyd based micaceous iron oxide coating and finish which gives excellent anti-corrosive properties when used as a coating or finish in a conventional paint system.

- **Good toughness and abrasion resistance.**
- **Good UV resistance due to high micaceous iron oxide content.**
- **Conforms to MOD TS10201 specification & BS5493 parts FU2C/FF3D.**
- **British Gas reference BGC BU2, BU3, BU4.**

SUITABLE FOR		
Suitably prepared steel degreased, blast clean to SIS-Sa 2½ min or mechanical/manually prepared to SIS-Sa 3 min. Previous suitable coat dry, clean and abraded as necessary.		
APPLICATION	**SHEEN LEVEL**	**COLOUR RANGE**
	Eggshell	Silver Grey, 20 colour MIO range
COVERAGE	**TOUCH DRY**	**RECOAT**
12m² per Litre	4 Hours	16 Hours Min.
AVAILABILITY		**POT LIFE**
5L		-
PREPARATION	**ADDITIONAL INFO**	
N/A	Thinner: Bradite TW35	

*At 40 microns DFT (loss factors will apply in practice)

Full health & safety and specification - **bradite.com/miocoat**

CHEMICAL RESISTANCE CHART

KEY
R = Recommended
NR = Not recommended
LR = Limited recommendation*

* i.e. possibly suitable, but check on site.
The results listed are based on contact tests.
Where limited resistance is quoted, occasional spillage which is quickly cleaned up would probably give satisfactory performance.

	Moisture Cure Polyurethane Paint	Chlorinated Rubber Paints		Polyurethane Alkyd Paints	Two Pack Epoxy Paints
TEMPERATURE	**20°C**	**20°C**	**35°C**	**20°C**	**20°C**
ACIDS					
Lactic Acid 25%	R	-	-	-	-
Sulphuric 10%	R	R	R	LR	R
Sulphuric concentrated	NR	R	NR	NR	NR
Hydrochloric 10%	R	R	R	R	LR
Hydrochloric concentrated	NR	R	NR	NR	NR
Nitric 10%	R	R	R	LR	LR
Nitric concentrated	NR	NR	NR	NR	NR
Phosphoric 10%	R	R	R	LR	LR
Phosphoric concentrated	NR	LR	NR	NR	NR
Hydrofluoric 10%	-	R	R	-	-
Hydrofluoric 30%	-	R	R	-	-

	Moisture Cure Polyurethane Paint	Chlorinated Rubber Paints		Polyurethane Alkyd Paints	Two Pack Epoxy Paints
TEMPERATURE	**20°C**	**20°C**	**35°C**	**20°C**	**20°C**
SALT SOLUTIONS					
Potassium aluminium sulphate	R	R	R	R	R
Ferrous sulphate	R	R	NR	R	R
Copper sulphate	R	R	R	R	R
Sodium chloride	R	R	R	R	R
Calcium chloride	R	R	R	R	R
Sodium sulphate	R	R	R	R	R
Sodium phosphate	R	R	R	R	R
Sodium acetate	R	R	R	R	R
Sodium carbonate 20%	R	-	-	-	-

Lower fatty, eg acetic 10%	LR	-	-	R	NR
Lower fatty, eg acetic 20%	-	R	NR	-	-
Lower fatty, eg acetic concentrated	NR	NR	NR	NR	NR
High fatty, eg oleic	NR	NR	NR	NR	NR
Organic food, eg citric	R	R	R	R	R
WATER					
Tap	R	R	R	R	R
Distilled	R	R	R	R	R
Sea	R	R	R	R	R
ALKALIS					
Sodium hydroxide dilute	R	R	R	LR	R
Sodium hydroxide concentrated	LR	R	R	LR	R
Calcium hydroxide	R	R	R	LR	R
Ammonium hydroxide dilute	R	R	NR	LR	R
Ammonium hydroxide concentrated	NR	NR	NR	NR	NR
Ammonium salts	R	R	NR	R	R
Sodium carbonate	R	R	R	R	R
OXIDISING AGENTS					
Hydrogen peroxide 10%	R	-	-	-	-
Hydrogen peroxide 30%	NR	R	NR	LR	LR
Sodium hypochlorite	LR	LR	LR	LR	LR
Calcium hypochlorite	LR	R	R	LR	LR
Chromic acid 5%	LR	LR	NR	LR	LR
Chromic acid 40%	NR	-	-	NR	NR
Sulphur dioxide solution	NR	NR	NR	NR	NR
Chlorine water	R	R	R	R	R

SOLVENTS					
Chlorinated hydrocarbons	LR	NR	NR	LR	R
Aromatic hydrocarbons	LR	NR	NR	LR	R
Aliphatic hydrocarbons	LR	LR	LR	LR	R
Alcohol (Methyl-, ethyl, butyl-)	R	LR	LR	NR	R
Ethers	NR	NR	NR	NR	R
Esters	LR	NR	NR	NR	R
Ketones	LR	NR	NR	NR	R
Petrol	R	-	-	LR	R
FATS AND OILS					
Mineral	R	R	R	R	R
Animal	LR	NR	NR	LR	LR
Vegetable	LR	NR	NR	LR	LR
Brake fluid	LR	NR	NR	LR	R
HALOGENS (MOIST)					
Chlorine	R	R	R	R	R
Bromine	NR	NR	NR	NR	NR
Iodine	NR	R	R	NR	NR
GASES (MOIST)					
Carbon dioxide	R	R	R	R	R
Sulphur dioxide	R	R	R	NR	LR
Chlorine	R	R	R	NR	NR
Hydrogen sulphide	NR	R	R	NR	NR

PIPE IDENTIFICATION

BRITISH STANDARD 1710:1984 FOR BUILDING SERVICES RECOMMENDATIONS

BASIC IDENTIFICATION COLOURS

- 12 D 45 WATER
- 10 A 03 STEAM
- 06 C 39 OILS Animal, Vegetable or Mineral
- 08 C 35 GAS Gaseous or Liquid (Except Air)
- 22 C 37 ACIDS/ALKALIS
- 20 E 51 AIR
- 00 E 53 OTHER FLUID
- 06 E 51 ELECTRICAL SERVICES

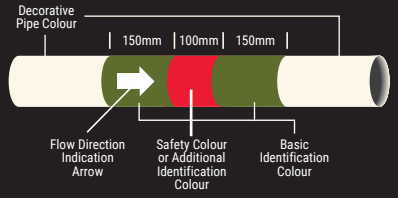
ADDITIONAL IDENTIFICATION COLOURS

04 D 45	10 E 53	14 E 53	WHITE	04 C 33

SAFETY COLOURS

- 18 E 53 FRESH WATER
- 08 E 51 WARNING OF DANGER
- 04 E 53 FIRE EXTINGUISHER

EXAMPLES



BASIC IDENTIFICATION COLOURS

These colours may be applied to the whole length of the pipe (A) or at appropriate intervals in bands of at least 150mm width (B). If bands of colour are used, their decorative colour must not be any of the pipe identification colours.

FIRE EXTINGUISHER STEAM
Valves should also be painted in the appropriate safety colour

WARNING OF DANGER PIPELINE
With corrosive chemical content

GAS PIPELINE
With ionising radiation present

* When identification requires more than one Safety Colour/Additional Identification Colour then these colours should always be in 100mm lengths

WATER

DRINKING

COOLING (PRIMARY)

BOILER FEED

CONDENSATE

CHILLED

CENTRAL HEATING <100°C

CENTRAL HEATING >100°C

COLD DOWN SERVICE

HOT WATER SUPPLY

HYDRAULIC POWDER

SEA, RIVER, UNTREATED

FIRE EXTINGUISHING

COMPRESSED AIR

VACUUM

STEAM

DRAINAGE

ELECTRICAL CONDUIT & DUCTS

ACIDS & ALKALIS

TOWN GAS

MANUFACTURED GAS

NATURAL GAS

OIL

DIESEL FUEL

FURNESS FUEL

LUBRICATION

HYDRAULIC POWER

TRANSFORMER

BRADITE

BRITISH PAINT MAKERS SINCE 1938

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