



# CHLORINATED RUBBER GLOSS CG23

**A high performance single pack chlorinated rubber gloss finish with excellent chemical & water resistance.**

## Recommended Areas of Use

For use on concrete, porous mineral and suitably prepared ferrous and non-ferrous surfaces requiring a quick drying coating with excellent water and good chemical resistance.

## Certificates & Approvals

Manufactured under the auspices of an ISO 9001:2008 quality & ISO 14001:2004 environmental management systems.

## Properties

<b>Gloss</b>	Gloss (>85 %)	<b>Surface dry</b>	30 minutes
<b>Theoretical Coverage</b>	12 m <sup>2</sup> /L/coat	<b>Minimum overcoating time</b>	12 hours minimum
<b>Recommended number of coats</b>	2 full coats (on bare absorbent surfaces, apply a 20% thinned priming coat first).	<b>Maximum overcoating time</b>	Unlimited
<b>Density</b>	1.29 kg/L	<b>Minimum application conditions</b>	Down to 0°C (but must be 3°C above dew point)
<b>Volume solids</b>	45%	<b>Full cure</b>	6 days
<b>Flash point (Abel closed cup)</b>	38°C	<b>Shelf life</b>	12 months minimum in original unopened containers.
<b>VOC</b>	548 g/L		
<b>Thinner / Cleaning</b>	Bradite Thinner TC32	<b>Colour range</b>	RAL, British Standard.
<b>Recommended wet film thickness</b>	84 microns/coat	<b>Recommended dry film thickness</b>	38 microns/coat

## Suitable Surfaces

For ferrous, non-ferrous, concrete and other absorbent mineral substrates which are dry, free of contamination, dust, efflorescence laitance and have been properly prepared. Compatibility with existing coatings should be confirmed by preparing and painting a test patch. Unsuitable for epoxy tar & bitumen paints, Portland cement, marble & tiled surfaces.

## Application Information

Application and use should always conform to the codes of practice described in BS 6150 and BS 5493

**Brush and Roller** – Thin with 0 - 5% Bradite Thinner TC32 as required. Short pile “Mohair” sleeve preferred for best appearance.

**Conventional Air Spraying** – Thin with 5 - 15% Bradite Thinner TC32 as required, tip size – 2.0 mm, tip pressure 60psi (0.4MPa) approximately.

**Airless Spraying** – Thin with 0 - 10% Bradite Thinner TC32 as required, tip size - 13 thou (0.33mm) approximately, tip pressure - 2100 psi (15MPa) approximately.

## Cleaning

Clean all equipment immediately after use with Bradite Thinner TC32 for best results.

## Specification

### Preparation:

When painting new concrete it is vital to ensure the substrate is fully cured and free of laitance. Power floated, shiny or unpainted non porous concrete should be thoroughly vacuum blast cleaned to a roughness profile of 30-50 microns, or acid etched using Bradite TA37.

High pressure water cleaning to remove all loose and flaking paint and contamination back to a sound substrate. For best performance, complete vacuum blast cleaning of the substrate is recommended. Bradite TD39 industrial strength detergent washing and rinsing should be used with scrubbing to remove grease or oil.

Intact areas of existing coatings should be roughened by abrasive manual or disc rubbing and feathered back to a sound coating edge. Cracks and pits should be filled using a suitable screed or mortar before painting.

Galvanised steel, aluminium and other non-ferrous metal substrates should be roughened by mechanical abrading or sweep blasting with inert grit. Steel should be blast cleaned to SIS-Sa 2½ minimum, blast profile 35-50 microns and surface free of soluble salts, or de-rusted manually or mechanically to SIS-St 3 minimum.

### Painting System – Concrete Swimming Pools

For application on concrete or other absorbent substrates, the first coat should be thinned 15-20% with Bradite Thinner TC32 to allow penetration into the substrate.

1st coat	Chlorinated Rubber Gloss CG23 (thinned, if required)
2nd coat	Chlorinated Rubber Gloss CG23

For maintenance painting the 1<sup>st</sup> coat will be a touch up to bare areas.

Please note that drying/curing times will vary depending on film thickness, temperature and relative humidity.

## Notes

For well-constructed pools, particularly those with an external waterproof membrane, best results are obtained with Bradite Chlorinated Rubber Gloss CG23. Where the site has a high water table and the pool is constructed without waterproof barrier, the higher porosity Bradite Chlorinated Rubber Eggshell CC24 is preferred since this material will minimise blistering due to external water pressure when the pool is empty.

Painted pool should be left to thoroughly dry before filling. In temperate climates, assuming good ventilation and air movement, this will take approximately 10 days from final coat application.

## Painting System – Industrial New Build & Maintenance

1st coat	Bradite Chlorinated Rubber Primer CP26
2nd coat	Bradite Chlorinated Rubber Eggshell CC24
3rd coat	Bradite Chlorinated Rubber Gloss CG23

## Notes

For galvanised steel and other non-ferrous surfaces, the first coat should be substituted with Bradite Barrier Primer EU96.

For maintenance, the first coat will be spot priming exposed substrate only.

## Summary Safety Information

Always refer to the Health and Safety sheet for the product before use, and observe the warning phrases on the label.

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