



ROADLINE CR27

A high performance single pack chlorinated rubber line marking paint.

Recommended Areas of Use

A quick drying universal line marking paint for use on roads, runways, car parks and sports facilities. Can be used with Bradite Low Slip Additives SA14 or SA12 to provide additional under foot traction (see Notes section for more details). Reflectivity can be achieved by using proprietary glass beads.

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 (cat.A/i sb): 500g/l (2010). This product contains max.430 g/l VOC.

Properties

Gloss	Eggshell (approx. 20%)	Surface dry	10 minutes
Theoretical Coverage	5 m ² /L/coat	Minimum overcoating time	1 hour minimum
Recommended number of coats	2 full coats (on bare absorbent surfaces, apply a 20% thinned priming coat first).	Maximum overcoating time	Unlimited
Density	1.58 kg/L	Minimum application conditions	Down to -5 °C (but must be 3 °C above dew point)
Volume solids	50%	Time to light traffic	24 hours minimum, after final coat
Flash point (Abel closed cup)	4 °C	Full cure	4 days
VOC	430 g/L	Shelf life	12 months minimum in original unopened containers.
Thinner / Cleaning	Bradite Thinner TB34 (clean with Bradite Thinner TC32)	Colour range	White & yellow, other colours (RAL, British Standard) available on request.
Recommended wet film thickness	200 microns/coat	Recommended dry film thickness	100 microns/coat

Suitable Surfaces

For internal & external asphalt, steel, 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.

Application Information

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

Brush and Roller – supplied ready for use. Thin, if required, with 0 - 5% Bradite Thinner TB34.

Conventional Air Spraying - Thin with 10 - 20% Bradite Thinner TB34 as required, tip size - 2.0mm, tip pressure 60psi (0.4MPa) approximately

Airless Spraying - Thin with 0 - 15% Bradite Thinner TB34 as required, tip size - 18 thou (0.46mm) approximately, tip pressure - 2100 psi (15MPa) approximately.

Cleaning

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

Specification

Preparation:

Substrates should be dust free and completely dry before coating. When painting concrete it is vital to ensure that the substrate is completely dry and free of laitance. Power floated, shiny or unpainted non porous concrete floors should be thoroughly vacuum blast cleaned to a roughness profile of 30-50 microns, or acid etched using Bradite TA37, or primed using Bradite Floor Primer ES40. Please consult the product data sheet for more details.

High pressure water cleaning should be utilised to remove all loose and flaking paint and contamination back to a sound substrate. Bradite TD39 industrial strength detergent should be used if necessary to remove all grease and 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.

Painting System

For application on concrete or other absorbent substrates, the first coat should be thinned 15-20% with Bradite Thinner TB35 to allow penetration into the substrate.

1st coat	ROADLINE CR27 (thinned, if required)
2nd coat	ROADLINE CR27

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

While the coating will take light foot traffic after overnight drying, full cure may take 4 days at 20°C, and should not be subject to heavy traffic for at least 24 hours. Please note that drying/curing times will vary depending on film thickness, temperature and relative humidity.

Notes

ROADLINE CR27 is suitable for use with Bradite Low Slip Additives SA14 or SA12, which can be either incorporated into the paint or hand broadcast into the applied wet paint:

- Incorporation

Bradite Low Slip Hard Aggregate SA14 should be added to the paint and mixed thoroughly just before use at

a rate of 1 x 250ml SA14 tin (375g) per 5 litre of paint.

Bradite Low Slip Soft Aggregate SA12 should be added to the paint and mixed thoroughly just before use at a rate of 1 x 250ml SA12 tin (110g) per 5 litre of paint.

- Hand Broadcast

Bradite Low Slip Aggregate SA14 should be scattered over the first coat while it is still wet at a rate of 0.5 - 1.0 kg/m². When dry, excess low slip additive should be brushed off before application of the final coat.

Bradite Low Slip Soft Aggregate SA12 should be scattered over the first coat while it is still wet at a rate of 0.2 - 0.5 kg/m². When dry, excess low slip additive should be brushed off before application of the final coat.

The end user and applicator must ensure that the finished floor is safe against slips in all likely usage conditions.

Summary Safety Information

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

Disclaimer - The information on this data sheet is correct to the best of our knowledge and experience. Bradite reserves the right to modify data contained herein, without 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 service and application may be beyond our control, so no liability whatsoever can be accepted on the basis of the information supplied herein.