

WATERBORNE ROAD MARKING PAINT · APAS AP-S0041/5

Damar Aqua 98

Aqua 98 is a waterborne acrylic emulsion road marking paint for spray application on bituminous and concrete substrates. Touch dry in about two and a half minutes at 25 degrees, which is what lets a crew mark a live road and reopen it without a long closure.



2.5 MIN

Touch dry at 25 degrees
C

66%

Volume solids

15 L

Pail size, six colours

Where it is used

- **ROADS AND HIGHWAYS:** centre lines, edge lines, barrier lines and general longitudinal marking.
- **COUNCIL NETWORKS:** local road remarking, C roads and general roadmarking work.
- **INTERSECTIONS:** stop and give-way lines, turn arrows, and painted islands.
- **CAR PARKS:** bay marking, aisles, hatching and disabled bays on asphalt or concrete.
- **INDUSTRIAL SITES:** traffic lanes, walkways and hardstand marking.
- **REMARKING:** bonds over aged existing markings without removing the old line first.



THE RANGE · SIX COLOURS · 15 LITRE PAILS

Range and specifications

Six APAS certified colours in the 15 litre pail. Colour references are the APAS designations, so they match what a specification will name.

Technical data

SPECIFICATION	VALUE
Product	Damar Aqua 98 road marking paint
Binder type	Acrylic emulsion, waterborne
Finish	Matt
Colours	White, Black, Y14, R13, B21, G13
Pack size	15 L, 27 kg
Volume solids	66% +/- 2.0%
Touch dry	2.5 min at 25 degrees C
Recoat	55 min at 25 degrees C
Dry film thickness	180 - 220 um
Coverage	3.0 - 3.7 m ² /L at 220 - 180 um DFT
Number of coats	1
Dilution	Use as supplied
Substrates	Bituminous and concrete
Application	Spray
Approvals	APAS AP-S0041/5 V4, NZTA M7 2017

- **COLOUR CODES ARE THE APAS DESIGNATIONS**

Y14 Golden Yellow, R13 Red, B21 Ultramarine Blue and G13 Emerald Green are the APAS colour references, not trade names. A seventh colour, R62 Venetian Red, is APAS certified and available to order.





APPLICATION • FILM THICKNESS AND COVERAGE

Getting the film right

You cannot set a machine to a dry film. The gun lays a wet film that shrinks as the water leaves, and volume solids is the bridge between the two. At 66 per cent, wet film equals dry film divided by 0.66.

Film thickness and travel speed

REQUIREMENT	WHAT IT MEANS
Data sheet DFT	180 – 220 um in one coat
Wet film for 200 um dry	Approx. 303 um wet at 66% solids
Wet film for 300 um dry	Approx. 455 um wet at 66% solids
Coverage	3.0 – 3.7 m ² /L at 220 – 180 um DFT
Per 15 L pail	Approx. 45 – 55 m ²
On a 100 mm line	Approx. 450 – 550 m per pail
Touch dry	2.5 min at 25 degrees C
Recoat	55 min at 25 degrees C
Substrate	Bituminous or concrete, clean and dry
Glass beads	Drop-on, into the wet film, ordered separately
Bead retention	250 g/m ² VicRoads minimum
Clean up	Water, or Damar PF5 thinners

- **CHECK THE SPECIFICATION, NOT THE DATA SHEET**

The 180 to 220 micron single-coat figure is the manufacturer number. Road authority specifications often ask for more, and the VicRoads roadmarking minimum is 300 microns dry. Work the wet film back from volume solids and set travel speed to suit, rather than assuming one pass gets you there.





ORDERING · PART CODES AND SAFETY

Ordering and safety

Six colours held in the 15 litre pail. APAS codes are shown so they can be matched straight against a specification.

Order codes

GO PART CODE	COLOUR AND APAS CODE
ARL0103S	White, APAS ARX0103
ARL1003S	Black, APAS ARX1003
ARL6103S	Y14 Golden Yellow, APAS ARX6103
ARL8903S	R13 Red, APAS ARX8903
ARL2503	B21 Ultramarine Blue, APAS ARX2503
ARL5303	G13 Emerald Green, APAS ARX5303

Handling and safety

ITEM	DETAIL
Active constituent	1 to 5% methanol
Storage	Cool, dry and frost free, sealed
Clean up	Water while wet, PF5 for equipment
Waste	Do not tip into drains or waterways

● SAFETY DATA SHEET

A full Safety Data Sheet is issued by the manufacturer and is available from GO Industrial on request. Glass beads are ordered separately and are what makes the marking visible at night.

