



TECHNICAL DATA SHEET

DRIVELINE® TRAFFIC

ACRYLIC TRAFFIC & STRIPING PAINT (4171T Series)

DESCRIPTION

DRIVELINE® TRAFFIC is a High quality, Conventional, Pigmented, Waterborne, Acrylic Latex emulsion Traffic & Striping paint that meets the TT-P-1952 specification.

Formulated with High-Solids for Excellent Durability and Low Dirt Pick-up, DRIVELINE TRAFFIC is also designed to be Fast Drying, User Friendly, Non-Flammable and have easy water clean-up.

DRIVELINE TRAFFIC can be applied with or without pressure applied glass beads and with either an airless or an air atomized spray equipment and can be applied down to surface and air temperatures of 50F. Free of Lead & Chromate with Superior Bead retention DRIVELINE TRAFFIC requires minimal Traffic control when striping. Safety Red (4171T92) for use on curbs and vertical surfaces only.

- Meets TT-P-1952 (N/A for Safety Red)
- Lead & Chromate free
- Excellent Durability
- Superior Bead Retention
- Minimum Traffic Control When Striping
- High-Solids
- Fast Drying
- Low Dirt Pick-up (N/A for Safety Red)
- Non-Flammable
- Easy Water Clean Up

INTENDED USE:

- This 'Best in Class' product is **designed** for use by Professional Contractors on properly prepared **exterior** Cured Asphalt, Concrete, Brick, Roadways, Parking lots, Curbs and Runways/Airports
- Ideal for striping Shopping Centers, Municipalities, Educational Institutions, Hospitals, Apartment Communities, Property Management, Plant/Factory Maintenance, Asphalt Sealing, Pavement striping and Highway & Airfields projects
- Can also be used for Crosswalks, Symbols, Legends, Lane Markings and Directional Marking for Driveways

COATING PROPERTIES

Coating Category	Pigmented Acrylic Latex Emulsion for Striping
Package Size	Available in One gallon cans, Five gallon pails Available in Drums & Totes as Special order/MTO
Viscosity	80 – 105 KU 95-105 KU for Safety Red
MPI CERTIFICATIONS	#97
OTHER CERTIFICATIONS	Meets TT-P-1952
VOC	<75 g/L White, Yellow <100 g/L Red, Blue, Black <50 g/L Safety Red < 90 g/L Green
Recommended Film Thickness per coat:	12.0 – 15.0 mils 4.0 – 6.0 mils for Safety Red Wet Film 7.6 – 9.5 mils 1.5 – 2.3 mils for Safety Red Dry Film

TEST RESULTS

Flexibility: Method: ASTM D522 (1/2" Mandrel) Result: Pass (180° bend, 1/2" mandrel) Fineness of Grind: White: 3.0+ Yellow: 3.0+ Red: 3.0+ Blue: 3.0+ Black: 3.0+ Dry-No-Pickup: ASTM D711 with ambient & surface temperature at 77F and 50(±5)% humidity: No pickup in 15 minutes @ 15 mils (N/A for Safety Red)	Reflectance: White: 89% Yellow: 53% Red: 12% Blue: 15% Black: 5% Contrast Ratio: ASTM-D2805 White: 0.94 Yellow: 0.99 Red: 0.86 Blue: 1.0 Black: >1.0
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SKU INFORMATION:

White:	4171T01
Yellow:	4171T88
Red:	4171T82
Blue:	4171T83
Safety Red:	4171T92 (for curbs/ And vertical surfaces only)
Green:	4171T93
Green:	4171T93TX
Black:	4171T99 (MTO only)

PRODUCT WEIGHT:

White:	14.98 lb. per gallon
Yellow:	14.46 lb. per gallon
Red:	14.22 lb. per gallon
Blue:	14.38 lb. per gallon
Safety Red:	9.13 lb. per gallon
Green:	14.47 lb. per gallon
Green Tx:	14.32 lb. per gallon
Black:	Available on Request

FEATURES/BENEFITS:

- Meets TT-P-1952 (N/A for Safety Red)
- Conforms to U.S. Bureau of Public Roads Colors
- Lead & Chromate free
- Fast Drying
- Excellent Durability
- Low Dirt Pick-up (N/A for Safety Red)
- Can be used with Stencils

MARKETS / END-USES:

- Shopping Centers
- Municipalities
- Educational Institutions
- Hospitals
- Apartment Communities
- Property Management
- Plant/Factory Maintenance
- Asphalt Sealing
- Pavement Striping
- Roadways & Highways
- Runways & Airfields

SUBSTRATES:

- Properly Prepared Exterior:
- Cured Asphalt
 - Concrete
 - Brick
 - Parking lots
 - Curbs
 - Roadways/Highways
 - Airfields

FEDERAL COLORS INFO:

White:	37925
Yellow:	33538
Red:	31136
Blue:	35180
Black:	37038

VOC COMPLIANCE:

- S.C.A.Q.M.D.
- CARB SCM 2020
- OTC





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COVERAGE INFORMATION

VOLUME Solids	63% +/- 2% depending on Color 34% Safety Red
WEIGHT Solids	79% +/- 2% depending on Color 40% Safety Red
Finish:	Gloss (@60°) < 5; Flat Safety Red Gloss is 15-20/Satin Sheen (@85°) < 5 Safety Red Sheen is N/A
Applied Coverage	1 gallon yields 320 feet of 4" stripe @ 15 mils; 400 feet of 4" stripe @ 12 mils Safety Red: 270-400 Sq. ft. /gal Note: Actual coverage dependent on substrate/surface profile and application method, i.e. - mil thickness, application technique and type of spray tip/amount of fallout Please contact your Sales Representative for specific project recommendations
Shelf Life	Maximum Shelf Life of 12 months when stored in unopened containers. Subject to re-inspection.
Storage Requirements	Store indoors at 40F – 90F. Keep from Freezing! Store in a Well-Ventilated place. Keep cool. STORE LOCKED UP!

APPLICATION PARAMETERS

Relative Humidity Restrictions	Do not exceed 85% during application or curing phase
Minimum Application Temperature	50F (air/substrate)
Maximum Application Temperature	110 (air/substrate)
Application & Curing Information – DRY Time	<u>At 77F & 50(±5)% Relative Humidity</u> WITHOUT Drop on Glass Beads: This paint dries to a lab ASTM D711 NO Pick-up in 15 minutes WITH Drop on Glass Beads (6lbs/Gallon): With Glass Bead application at a rate of 6 Lb./Gallon to a 15 mil wet line, this field applied paint dries to an ASTM D713 NO Pick-up in 15 minutes Note: Film thickness, temperature, humidity and air movement will affect dry/cure times The NO track and through dry times will increase as the temperature decreases.
Technical Notes	- Painted surfaces can become slippery when wet! - Striping paints are not intended for use as floor paints and should not be used to paint large areas subject to pedestrian traffic...For example it is not recommended to paint an entire traffic stall

COATING RECOMMENDATION:

- Superior performance will result from properly preparing the Surface
 - Make sure product is completely agitated (mechanically or manually) prior to use
- NOTE:** Air, surface and product temperature must be at 50F-80F during application and drying

MIXING:

- Mix well before using
- Stir thoroughly to a uniform consistency before & during use
- Keep containers tightly sealed when not in use

THINNING/REDUCERS:

- NONE Recommended
 - Can be reduced with up to 5% tap water for spray action in hot & dry weather conditions
- NOTE: DO NOT thin more than 5% with water and then use immediately**

APPLICATOR INFORMATION:

BRUSH: Not recommended due to quick dry times

ROLLER COVER: Not recommended due to quick dry times

AIRLESS SPRAY:

Pressure: 1500-2000 psi... Follow Equipment Manufacturer's guidelines

NOTE: Working pressures will vary with ambient temperatures

Tip: .215 tip (or the equivalent 1704 traffic striping tip) to achieve a 4" line, or refer to tip manufacturers recommendation chart

CLEANING:

- Clean spills, spatters and application tools immediately after use with warm soapy water and rinse thoroughly
- After cleaning, flush the Spray tools with a compliant solvent to prevent any rusting of the equipment

NOTE: Follow Equipment manufacturer's safety & cleaning recommendations including the safety recommendations for using solvents





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SUBSTRATES AND SURFACE PREPARATION

SURFACE PREPARATION IS IMPORTANT - All surfaces must be cured, clean, dry, in sound condition and free of mildew, oils, grease, anti-freeze, loose sand or dirt, dust, loose rust, aggregate or any other foreign contaminant that can affect the adhesion to ensure proper adhesion of the coating

- Surfaces should be clean and dry and free from any loose, chipping or peeling existing stripping paint
- **DO NOT** apply when air or surface temperatures are below 50F or above 110F
- **DO NOT** apply when the relative humidity exceeds 85% or when the temperature is near or below the dew point or when rain is forecasted within 1 hour of application
- **DO NOT** apply if the temperature is expected to fall below freezing for 2 hours after application
- **NO** painting should be done immediately after a rainfall, during foggy weather or on wet surfaces
- The presence of concrete sealers or efflorescence on new concrete could interfere with adhesion and **SHOULD BE** removed by extended weathering, etching, or abrasive blasting
- Most previously painted lines can be repainted over without additional surface preparation, provided the old paint is still tightly adhered to the surface... However, previously painted lines with multiple layers of paint will eventually peel and will require removal.
- Any surface preparation without total removal of the old coating will affect the service length of the new coating
- Apply a **Test Strip** when the humidity is higher than 65% to check dry to no pickup time... Cone whenever needed
- The coating **MAY BE** made into **Reflective** paint by dropping on glass beads while the paint is still wet

ASPHALT SURFACES:

- May be applied directly to surface
- Allow **New asphalt** to cure a minimum of two weeks before painting
- Check adhesion by applying a test strip to determine the readiness for painting, i.e., to determine if the asphalt has aged sufficiently to use the paint
- **DO NOT** use on uncured asphalt

SYSTEM RECOMMENDATIONS:

Contact your Rodda Paint Representative for any surface prep related questions or any system recommendations.

SAFETY PRECAUTION

WARNING! Do not handle until **ALL Safety Precautions** have been read & understood.

Contains Harmful Vapors which may affect the brain/nervous system causing dizziness, headache or nausea. Can cause eye & skin irritation and may be harmful if absorbed through skin.

Use only with adequate ventilation.

NOTE: Repeated & prolonged occupational overexposure to solvents can cause permanent brain/nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

WARNING! Proper breathing PPE must be worn during application.

First Aid: If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. **In case of eye contact,** flush immediately with plenty of water for at least 15 minutes and get medical attention; **for skin,** wash thoroughly with soap and water. **If swallowed,** get medical attention.

If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations.

Please Refer to this Product's **Safety Data Sheet (SDS)** for the proper Health & Safety information – See your Rodda Paint Representative/Store for a copy of it or it can also be found on our website, www.rodmapaint.com

WARNING! If you scrape, sand or remove old paint from any surface you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN.**

PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. For additional information on surfaces that may contain lead paint, contact the U.S. EPA / Lead Information Hotline at 1.800.424.LEAD (5323).





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LIMITATION OF LIABILITY

To the best of our knowledge, the technical data contained herein are true and accurate at the time of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. All technical advice, recommendations and services regarding this product are rendered by the Seller gratis.

They are based on technical data which the Seller believes to be reliable and are intended for use by persons having skill and know-how, at their discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from this product use by Buyer whether as recommended herein or otherwise. Such recommendations, technical advice or services are not to be taken as a license to operate under or suggest infringement of any patent.

WARRANTY

Rodda Paint Co. manufactures quality products and warrants its product to be free from defects in materials and workmanship. In the event that this product is defective or in any way unsuitable for the application for which it was sold, Rodda Paint Co. will REPLACE ANY PRODUCT PROVED TO BE DEFECTIVE free of charge OR REFUND THE ORIGINAL PURCHASE PRICE OF THE QUANTITY PROVED. This warranty is the only guarantee of quality made in respect of this product by Rodda Paint Co. By purchasing this product, the customer accepts this warranty in lieu of all others, and waives all claims to any other remedy arising from any warranty or guarantee of quality, whether such warranty or guarantee of quality was made expressly to the customer or implied by any applicable law.

TO BE DEFECTIVE – Requests for refund or replacement of product must be made in writing within one year from the original date of purchase. This Warranty does not apply to defects due, directly or indirectly, to misuse, abuse, negligent application, or acts of God.

Rodda Paint. WILL NOT BE LIABLE FOR DEATH, INJURIES TO PERSONS OR PROPERTY, OR FOR INCIDENTAL, CONTINGENT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF OUR PRODUCT, INCLUDING DOWNTIME OR LOSS OF USE OF PRODUCT.

All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy. Our products are sold on the condition that the user themselves will evaluate them, as well as our recommendations, to determine the suitability for their own purpose before adoption. Also, statements regarding the use of our products or processes are not to be construed as recommendations for their use in violation of any patent rights or in violation of any applicable laws or regulations.

See your Rodda Sales Rep or Store Manager for Details

READ LABEL AND SAFETY DATA SHEET PRIOR TO USE!

