



# RAINBOW

## TRAFFIC PAINT

PRODUCT NUMBER	1801 / 1802
TYPE	The fast drying traffic paint based on special resin with weather, water and abrasion resistant pigments.
USES	Used for the zebra crossing and lane lines of asphalt or cement road.
CHARACTERISTICS	<ol style="list-style-type: none"><li>1. Very fast drying under normal temperature and weather for 15~25 minutes after applying then can traffic.</li><li>2. Tough film with excellent adhesion and abrasion resistance, more long duration than the market products.</li><li>3. Excellent water and alkali resistance for cement road without being corroded by alkali.</li><li>4. Paint film will not be permeated by asphalt so the lane lines will not become unclearly because of permeation of asphalt.</li><li>5. Excellent weather resistance, sunning and raining for a long term without yellowing and chalking.</li></ol>
FINISH	Flat
COLOR	White, Yellow and Red
HIDING POWER	Above 8 m <sup>2</sup> /L
SPECIFIC GRAVITY	Above 1.3 Kg/L
VISCOSITY	70 ~ 90 KU (25 )
DRYING TIME	Above 15 minutes
OPTIMUM FILM THICKNESS	Wet 250 microns                      Dry 100 microns
THEORETICAL COVERAGE	15.1 m <sup>2</sup> /Gal                      4.0 m <sup>2</sup> /L                      3.0 m <sup>2</sup> /Kg
OVERCOATING INTERVALS	Min. 1 hr.
VOLUME SOLIDS	Above 40%
THINNER	Toluene
THINNING RATE	5 ~ 10% ( cleaning tools excluded )
STORAGE SHELF LIFE	Minimum 1 year under normal storage conditions.
APPLICATION METHOD	Airless Spray, Brush, Roller.
NOTE	<ol style="list-style-type: none"><li>1. Airless spray should be the standard application method. If applied with roller or brush, the paint should be applied in the same direction with fast speed. Do not apply the paint in the fashion of back and forth to avoid asphalt permeating.</li><li>2. Adhered dust and sand on road surface must be cleaned thoroughly to avoid influence on the performance of adhesion.</li><li>3. Stir paint evenly before application and when paint is too thick, toluene thinner within specified quantity can be added. Excessive or heterogeneous thinner will affect duration of paint to occur the gelation and disjunction.</li><li>4. Avoid applying in damp road, the traffic control must be implemented for 15~25 minutes in summer and for 20~30 minutes in winter while applying.</li></ol>
REMARK	The practical coverage will depend on the shape of objects or environmental conditions. Generally, the theoretical coverage for brush and spray will be 1.4 times, and 1.7 times as to their practical coverage.

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