

PROSTRIPE PLUS™ Traffic Paint

What do all those technical terms mean?

W.P.G. Weight per gallon- The weight of paint is mostly dependent upon solids. (see Total Solids %). Generally the more solids in paint, the more weight per gallon and the more water (approx 8 pounds per gallon) the lighter the paint. This is why a pail of Prostripe Plus is so heavy, because it is high in solids.

Viscosity — The thickness of the paint. This is one that fools us most. We think that just because a paint is thick and hard to spray, it must be good. The paint's thickness is adjusted with thickeners more so than solids. Prostripe Plus has reduced thickeners so that it can be applied by standard walk behind paint machines without the need of thinning or prematurely wearing the machine's parts and pump. Again thicker doesn't always mean better!

Time — The time that it takes the paint to dry with *no tracking* — This is very critical in the striping business. The faster the stripes dry, the faster you can open to traffic and less chance for problems created by weather or careless traffic.

Total Solids % - The solids are basically what will be left on the pavement after the paint dries. For example if a paint has 46% solids that means that 54% of what you applied will evaporate during the drying period. Prostripe Plus is designed with higher solids (approximately 77%) combined with superior quantity and quality of pigment. Which results in a longer lasting paint that yields better coverage.

Pigment % - How much pigment (the coloring component) is in the paint. Quality and quantity of pigment controls the tint or brightness, fade resistance and opacity (see Opacity %) of the paint. If the pigment percentage is low the paint will look duller and results in a dry paint that is somewhat transparent. Poor quality pigment will cause the same in addition the stripe to be more susceptible to fading. Pigment is oftentimes the most expensive part of the paint, thus the primary corner that is cut to reduce costs. Prostripe Plus was designed with both high solids and superior quality and quantity of pigment yielding brighter longer lasting colors.

Opacity % - What percentage does the paint hide the surface once dried. Based on a scale of 1-100 (1 being completely transparent and 100 being opaque (covered)). This is controlled primarily by the solids and pigment. Large variances are rare between paints but even 2% is noticeable by the naked eye. The opacity of yellow tends to be consistently lower than white. Because of its design and components Prostripe Plus delivers consistent high opacity measurements; reducing the need of multiple coats.

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