

512-SERIES AQUA BORNE CERAMIC GLOSS ENAMEL

The 512-series are water reducible gloss interior/exterior acrylic enamels at low VOC levels. They are superior to alkyd enamels in dry time, early block resistance, early recoatability, gloss retention, non-yellowing and alkali resistance. Aqua Borne Acrylic Enamel is excellent for painting of new or repainting of old equipment and machinery. Ideal for general farm or factory maintenance. For industrial uses where excellent adhesion and durability are required. This product is formulated with ceramic microspheres that impart exceptional stain resistance plus enhanced adhesion and improved flow and leveling.

USES: Exterior surfaces such as doors, windows, shutters, facia, trim, etc. and interior surfaces such as cabinets, woodwork, doors, trim, etc. of wood, metal, wallboard, vinyl PVC pipe and many plastic surfaces. Also direct to clean metal when two coats of finish are used.

MATERIAL PREPARATION: Ready to use from can; thin sparingly with water if necessary. Mix well before using.

SURFACE PREPARATION: Surface must be clean and dry. Particular care must be taken to assure that all bare metal surfaces are thoroughly dry before applying a water borne coating. Scrape, sand, wire brush, sand blast, power wash, etc. in order to remove all old loose paint or scale. Spot prime if necessary according to primer instructions. Stir contents to a uniform consistency. Apply a full even coat in a continuous film. Allow ample time for drying between coats as per instructions.

APPLICATION: Apply by brush, roller or spray. Apply full even coats and always work to a wet edge. Do not use when room temperature is less than 50°F.

AIRLESS SPRAY: Use airless spray equipment capable of maintaining 80-100 lbs. Input pressure with a 28:1 to 30:1 airless pump. Use 17 to 21 thou tips. Output will vary with tip size and number of guns in operation.

512-series

PRODUCT SPECIFICATIONS

<u>COLOR:</u>	Decorator White, Bases and Safety Colors
<u>60° GLOSS:</u>	75+
<u>85° SHEEN:</u>	High
<u>VEHICLE:</u>	100% Acrylic resin
<u>PIGMENTATION:</u>	Titanium dioxide, ceramic microspheres and non-crystalline silica. All pigments are free of heavy metals and toxic materials.
<u>SOLVENT:</u>	Water, glycol ethers. VOC 150g/L; 1.25 lbs/gal
<u>FLAMMABILITY:</u>	Not applicable
<u>% VEHICLE SOLIDS (WEIGHT):</u>	27 (512-49)
<u>% PIGMENT (WEIGHT):</u>	19 (512-49)
<u>% SOLVENT (WEIGHT):</u>	53 (512-49)
<u>% TOTAL SOLIDS (WEIGHT):</u>	46 (512-49)
<u>% TOTAL SOLIDS (VOLUME):</u>	34 (512-49)
<u>VISCOSITY:</u>	83 +/- 3 KU
<u>THEORETICAL COVERAGE:</u>	250 sq.ft/gal=6.4 wet mils=2.2 dry mils 350 sq.ft/gal=4.6 wet mils=1.6 dry mils 450 sq.ft/gal=3.6 wet mils=1.2 dry mils
<u>RECOMMENDED COVERAGE:</u>	400 square feet per gallon
<u>WEIGHT PER GALLON:</u>	10.0 lbs.
<u>DRY, SET TO TOUCH:</u>	25 minutes
<u>DRY HARD:</u>	2 hours (recoat)
<u>CLEAN UP SOLVENT:</u>	Warm soapy water