

### AQUA-SHIELD WB-SERIES WATER REDUCIBLE BAKING ENAMELS

#### FEATURES:

**LOW V.O.C.:** AQUA-SHIELD series coatings meet or exceed E.P.A. guidelines. The typical V.O.C. of these series of coatings are < 2.8 lb. /gal

**HIGH FLASHPOINT:** Being water based, AQUA-SHIELD series coatings can be used in areas where the use of solvent based products are detrimental or prohibited. In many cases, lower insurance rates are applicable.

**SAFER:** AQUA-SHIELD series coatings contain no lead or carcinogenic ingredients. They meet California Proposition 65 Clean Water Act.

**NO PRIMER REQUIRED:** AQUA-SHIELD series coatings do not require priming to provide adhesion to properly prepared substrates. One coat DTM application at the recommended film thickness will provide satisfactory corrosion resistance, gloss and hardness for most requirements. Available in various colors.

**LOW APPLICATION COST:** AQUA-SHIELD coatings are formulated at higher solids and viscosity than most solvent based coatings. Less evaporation and greater coverage at lower dry film thickness. Equipment and wet residues are easily removed with soap and water. Solvent or alkaline cleaners must be used to remove dry film.

**DAMP OR OILY SURFACES:** Contaminants such as light oil or damp surfaces will not impede application of AQUA-SHIELD series coatings.

**DIP TANK APPLICATIONS:** AQUA-SHIELD being water based coatings evaporate at eight times less than typical solvent based coatings. AQUA-SHIELD coatings will exhibit low settling, will not freeze or support fungus, algae or bacteria growth and is reducible with tap water.

**METHOD OF APPLICATION:** AQUA-SHIELD series coatings are designed for one coat application by spray, brush, roll, dip and flow coat.

#### TYPICAL BAKING PROPERTIES: (INDICATES PEAK METAL TEMPERATURE)

| MINUTES | DEGREES °F | HARDNESS | MEK RUB | IMPACT (R) | IMPACT (D) |
|---------|------------|----------|---------|------------|------------|
| 15      | 225°F      | F        | 25      | 30         | 80         |
| 20      | 225°F      | F        | 50      | 40         | 80         |
| 5       | 250°F      | HB       | 15      | 20         | 80         |
| 10      | 250°F      | 2H       | 50 +    | 20         | 80         |
| 15      | 250°F      | 2H       | 50 +    | 20         | 80         |
| 5       | 275°F      | 2H       | 50 +    | 20         | 80         |
| 10      | 275°F      | H        | 50 +    | 20         | 80         |
| 5       | 300°F      | 2H       | 50 +    | 20         | 80         |
| 10      | 300°F      | 3H       | 50 +    | 20         | 120        |

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