

TRADE SALES PROGRESS REPORT  
MAY 1952

House Paints

Endurance House Paint has been reformulated as Y-1800-X-3. 20% of the W-91 has been replaced with W-170 so as to give better control of the chalking properties.

Titanozinc Y-1850-F has been reformulated to exclude lead driers. Paint will be featured as a "Fume Resistant" White Paint. Previous formula with lead drier would only show slight darkening under most rigid contact with H<sub>2</sub>S fumes but new formula is better. We caution the testing laboratories to check drying very carefully when manufacturing. We have noted some lead free competitive paints which are slow dry.

Pastel Endurance Colors: While the new color card indicates that customer may obtain colors shown by adding oil colors to other established colors in the Endurance Line, we have established formulas for tinting the pastel shades if ordered in large enough quantities.

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|--------------|----------|
| Fawthorne    | GL-61955 |
| Pinecrest    | GL-61956 |
| Acacia       | GL-61957 |
| Adirondack   | GL-61958 |
| Coronado     | GL-61959 |
| Rambler      | GL-61960 |
| Desert Sand  | GL-61961 |
| Willow Green | GL-61962 |
| Saratoga     | GL-61963 |
| Fiesta       | GL-61964 |
| Shenandoah   | GL-61965 |
| Coral Tone   | GL-61966 |
| Cataline     | GL-61967 |
| Overglade    | GL-61968 |
| Pagoda       | GL-61969 |

Flat Wall Paints

We have examined a number of alkyds on the market which are recommended for flat wall paints. Likewise a number of odorless solvents have come to our attention for use in such products. The #3540 Alkyd from F. T. Washburn seems to be the most interesting and most versatile in use.

Factory Letters

Caulking Compound - Gun Grade: Two samples submitted and tested against our present source. Sample submitted by the Overall Pt. & Varnish Co. had good tack, good adhesion and formed a good bead but the material was too stiff to work well in a gun particularly in cool weather.

The other sample was submitted by E. T. Holmes & Co. Claim was made that it contained a latex base. The working qualities were found to be satisfactory. One objection to this sample was that no definite skin was evident even after several

days. Another test was to put some of the sample and our present caulking compound on smooth steel and heat the panel up to 110°F. The E. T. Holmes sample slipped off the panel in less than 15 minutes while our present caulking was still in place after one hour.

Abbott Laboratories: The following chemical-resistant finishes were developed in Epon-vehicle quality.

56-G-18-A #2 Green Chemical Resistant Enamel  
56-G-22-A #4 Dark Green Chemical Resistant Enamel

These enamels dry in two to three hours. Apply full body. They show good resistance to oleic acid and severe temperature changes. Chemical Resistant Metal Primer, GL-62091, has been developed in similar quality to be used under the above finishes. It shows excellent adhesion and good water and dilute chemicals resistance.

Primer Sealer, GL-61940, was formulated to be used on new plaster at Charity Hospital over Formiculite plaster. It consists of Y-4516 flatted down with 4 oz. wt. of W-166 per gallon and then tinted to a yellow slightly lighter than Y-3405. Spred Sealer could not be applied properly on this type of plaster.

Dependable Harris Co. Cantonment Green Ext. Paint, GL-61970, was formulated on a bid for Armed Services. It is of general Endurance quality.

Kaiser Aluminum Co. Red Stencil Paint, GL-61946, was formulated for marking wooden reels. Drying time is 8 minutes. Durability is very limited. GL-61946 was matched to a submitted sample. Y-592 was recommended for painting the wooden reels.

Soya Products Division. Sandstone Plinamel formulated to match Y-1168 for color on 5 drum order.

E. G. Kock. Gray Green Ext. Trim Paint was formulated in Post-ad quality to match customer's sample.

Blue-Gray Plinamel, GL-62059, formulated for brewery maintenance. Order placed.

#### Raw Materials

Leaded Zinc. American Chemet has submitted a sample of W-35, which is more easily ground than previous material. New standard sample has been set up and samples sent to the other plants. Sherwin-Williams submitted a sample of 10-14% Leaded Zinc which we evaluated against the W-35, in both the Y-1800 and Y-1804 formulation. The S-W material doesn't give as much body to a paint as W-35. The color is not as white as W-35. Exposure tests are being put out.

Shingle Stain Oil. Kentucky Color & Chemical Co. have submitted a new material for O-211 Shingle Stain Oil which they claim does contain some creosote base. There is no change in color from previous material. We have tested this new product out in White Cresote Paint, Y-596, and have approved for O-211.

H. G. Hayward

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