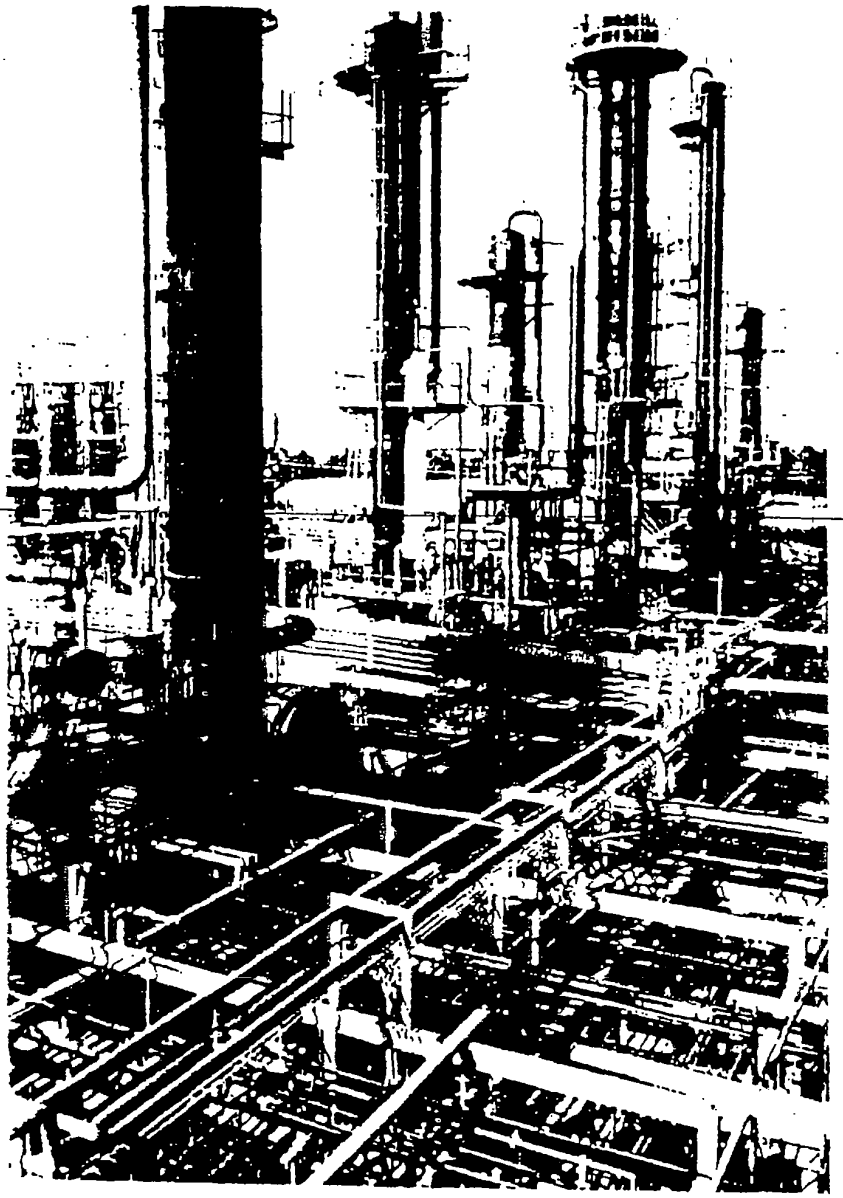

PROTECTION WITH

Parlon®

EXHIBIT 61

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protection with Parlon

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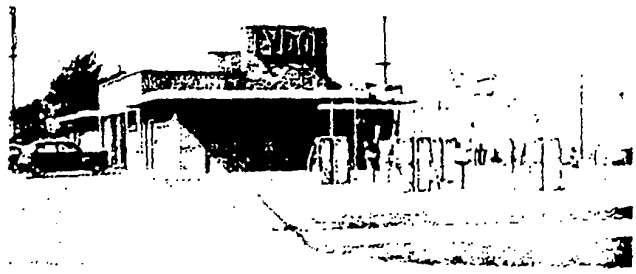
Available in a full range of rich colors that will not fade or dull with age, Parlon masonry paints are ideal for modernizing commercial structures. Parlon is unaffected by fumes in industrial areas, resists attacks of hot sun, salty sea air, fog, or strong winds.



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FACTS ABOUT PARLON

This booklet is designed to acquaint you with the many uses of Parlon-based maintenance paints. Parlon is the registered trademark for chlorinated natural rubber as produced by Hercules Powder Company.

PARLON is known to be one of the most practical film-forming materials which are unaffected by acids, alkalies, salts, moisture, and fungus growths. Both as a concrete and metal finish, Parlon-based paints are especially fitted for use under conditions too severe for regular paints and enamels, making them ideal finishes for use in many types of maintenance painting.

Parlon paints can be formulated to offer stubborn resistance to oxidizing agents, bleaches, cleaning compounds, and vapors and fumes. As a finish on cement, Parlon coatings resist the attack of alkalies within the concrete and at the same time withstand corrosive agents attacking the surface. Used on metal, Parlon gives excellent protection because of its impermeability and resistance to corrosive attacks from acid and alkali solutions and fumes.

Ease and economy of application are among the outstanding features of Parlon maintenance finishes. When desired, paints can be applied to metal after simple wire-brush cleaning, without the need for sandblasting or other expensive measures required to provide a bare-metal base for the film. Of course, even greater durability and longevity are achieved with a properly prepared surface. The thinned paint itself can be used as a primer on concrete, and a durable finish can be applied to unaged cement surfaces. Special Parlon primers are available for Parlon finishing systems applied to metal to build up adequate film protection against extreme exposures to acids, chemicals, and corrosion.

Parlon finishes dry with a speed approaching that of lacquer, and are available in a full range of rich colors. Many have a tilelike durable gloss which stays color-fast and hard under strong cleaners, including caustic solutions and gasoline.

Hercules Powder Company does not make Parlon paints, but quality protective coatings based on Hercules® chlorinated rubber are available from coast to coast from more than 400 reliable manufacturers under their own brand names. In each instance, the finishes used in all of the case histories illustrated in this booklet are standard formulations supplied by a manufacturer of Parlon-based paints. Many Parlon formulators also supply other types of chlorinated paints for industrial finishes and specialized uses. Full application-and-use data are available from the Parlon paint supplier you may select to help you with your own maintenance problems.

A complete technical booklet describing the full range of properties and uses of Parlon will be sent to you on request. Consumers of Parlon are invited to call upon Hercules for help in making the most effective use of Parlon as a product or maintenance finish, or in any of its many other applications.

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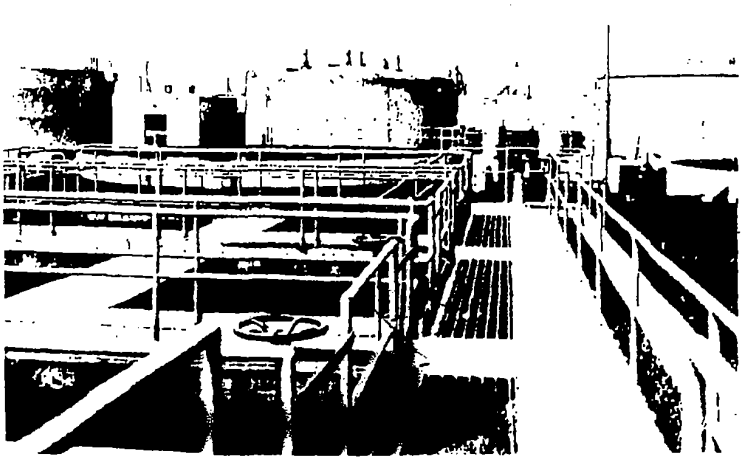
The New York City Transit Authority selected a Parlon-based finish for these new, coal-unloading towers because of its excellent resistance to coal gas, chemicals, and chemical fumes. Parlon will also protect these structures from the corrosive attack of the salt sea air of the nearby harbor.





Sewage plant, San Leandro, California, has Parlon finishes on clarifiers, digesters, and control building (right), as well as on pipes, railings, and grit conveyor (above). Paint on all parts of the installation remained intact after three years of continuous exposure to sea fog, sewage fumes, and heavy hydrogen sulphide fumes emanating from nearby dump.

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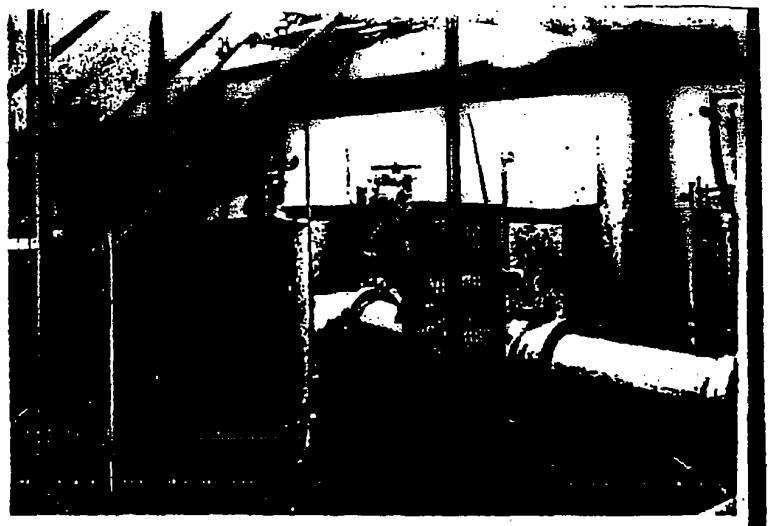
ACROSS the nation, an ever-increasing number of municipalities are discovering the unique properties of paints based on Parlon. City planners from coast to coast have found the answer to many of their protective-coating needs in these colorful, versatile finishes . . . finishes that provide economical, long-term service, and give added beauty in municipal installations.

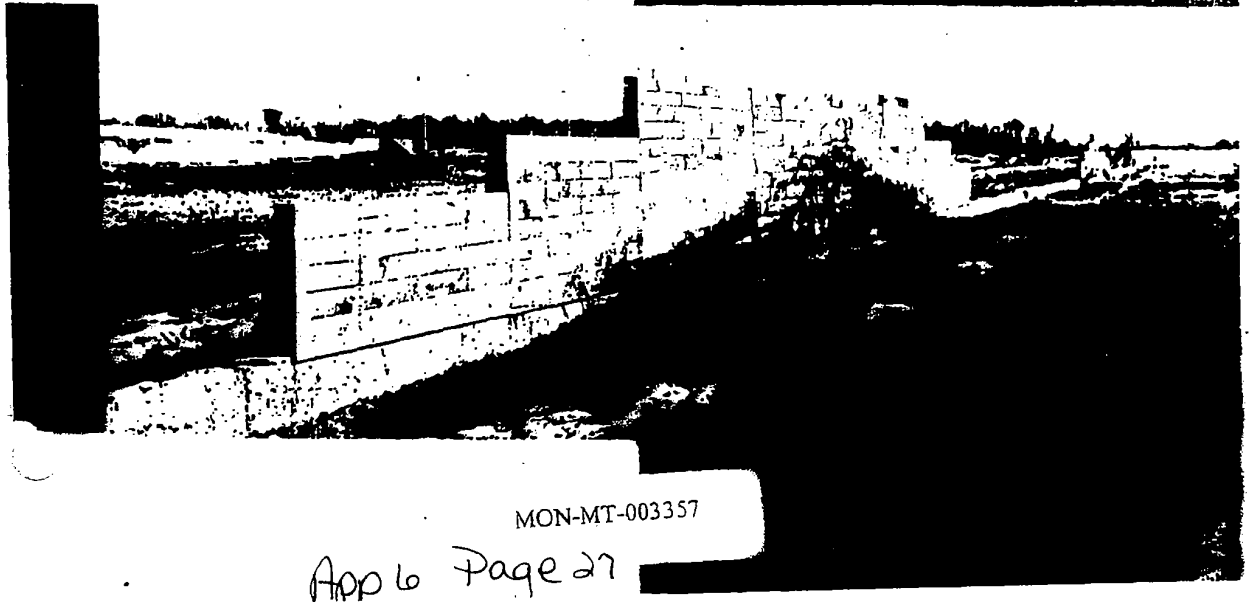


Railings, stairways, pumps, piping, and wall surfaces in this municipal water plant (above) are all finished with Parlon in rich, tilelike durable colors.

After more than a hundred different paints were tested, a Parlon coating was selected for finishing the ceilings of the new Toronto subway. A single coat, over raw concrete, provided excellent coverage and good reflectance for the lighting system.



Parlon paint on splash boards (below) erected to protect roadway from spray of trickling filters at Back River Sewage Works, Baltimore, Maryland, resists corrosive attacks of sewage. Mold and algae, which thrive in sewage, build up on Parlon finish but can be easily removed to expose undamaged painted surface. Paint used here was found to be in fine condition after more than a year's exposure.



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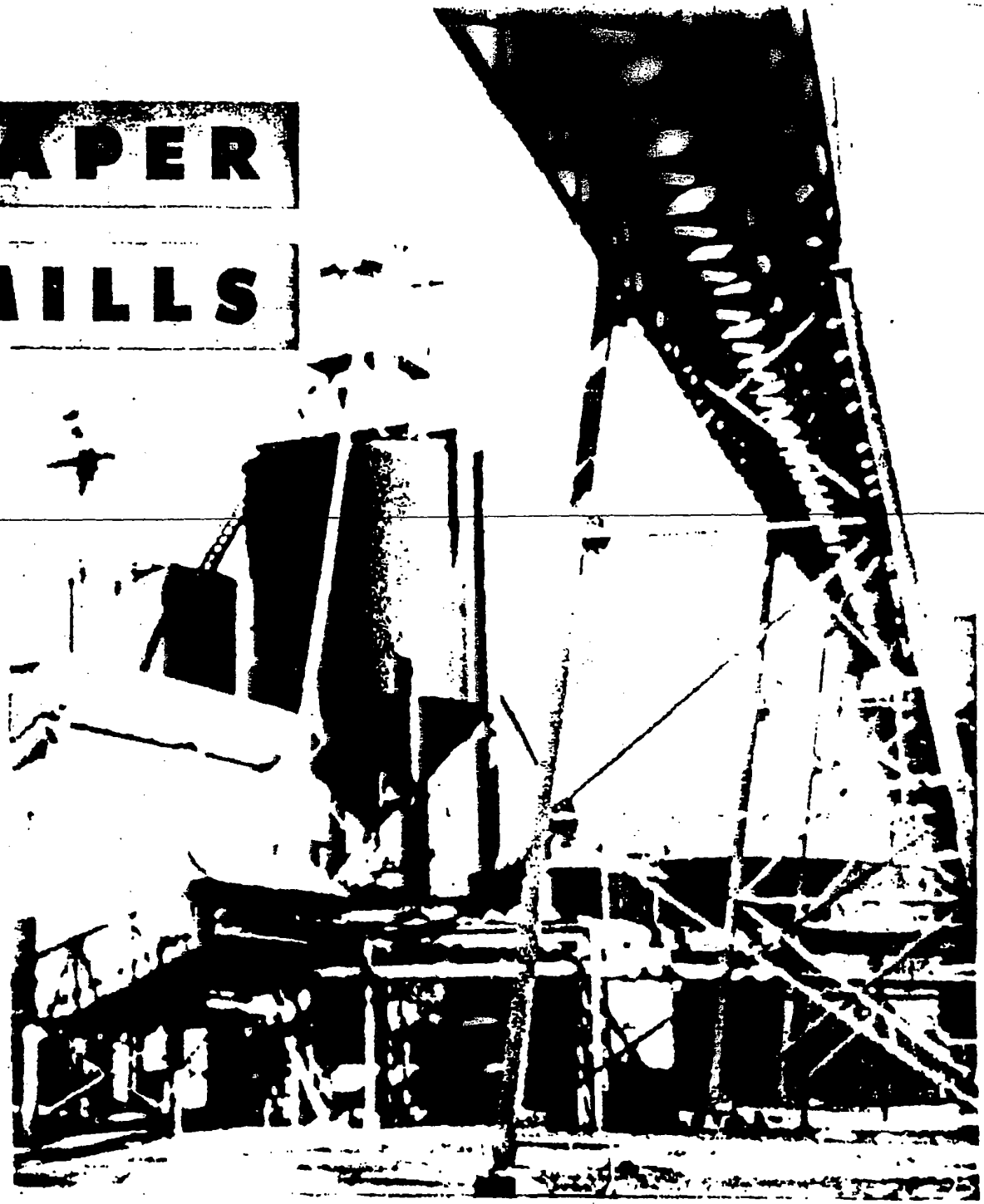
PAPER MILLS



IN PAPER MILLS, where moisture and chemicals are constant enemies of processing equipment, paints made with Parlon do a remarkable job of cutting maintenance costs. Very often they eliminate the need for the installation of costly corrosion-resistant materials such as stainless steel, tile, and ceramics. Even chlorine finds its match in Parlon-based paints.

Parlon paints are easy to apply, serving equally well on metal, concrete, wood, and special surfacings. Its extremely rapid dry cuts down time for maintenance; and Parlon finishes, once properly applied, provide protection for years on end without the need for repainting

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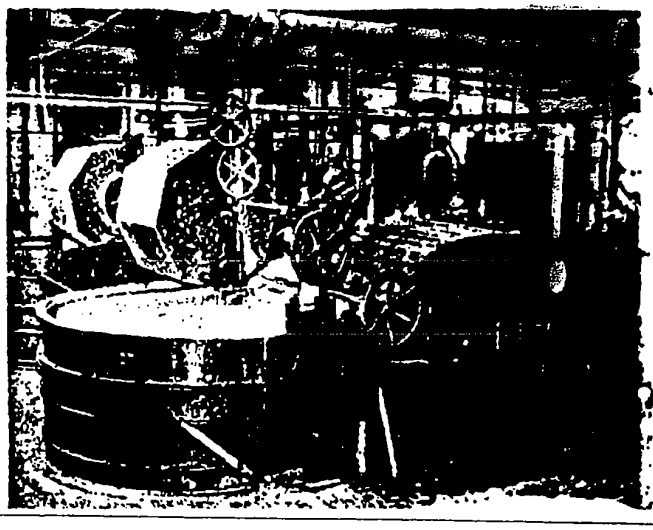
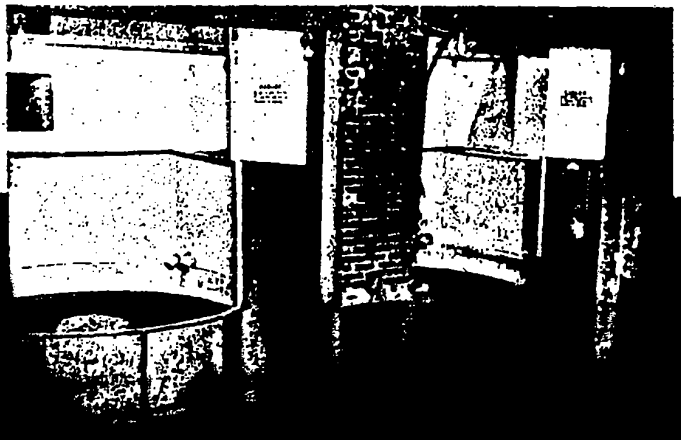


A two-coat Parlon finish protects the dynochest (above, left) and beaters (above, right) at The D. M. Bare Paper Company, Roaring Springs, Pennsylvania. This protective coating remains in excellent condition after more than two years' exposure to papermaking chemicals, moisture, and condensation.

Chemical-resistant Parlon coatings provide the exterior of the Bowaters Southern Paper Corporation (opposite page) with a combination of color harmony and functional utility. Parlon gives inside protection, too, on walls, steel-work, and machinery for easier housekeeping and maximum surface durability.



R. E. Ferguson, master mechanic at Southland Paper Mills, Lufkin, Texas, inspects wet end of Fourdrinier machine (right)—protected with one coat of Parlon applied over one coat of red oxide metal primer. Paint is still in excellent condition after twelve months. Plates in center have been wiped free of pulp to reveal undamaged Parlon finish.



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IR-CONDITIONIN



MOISTURE poses a constant threat to every air-conditioning installation. Without adequate protection from condensation and corrosion, key metal parts may soon rust out and require replacement. Parlon finishes applied to air-conditioning equipment assure long-term protection against dirt, grease, moisture, and algae growth; eliminate costly shutdowns and delays for maintenance and repair.

Thanks to Parlon, this giant fan unit (left) at Judson Mills, Greenville, South Carolina, remains in excellent condition after more than ten years of steady operation. Protected by Parlon prior to installation, it has been cleaned and refinished at 18-month intervals.

ie-up of fan blades in unit shown above. ited with Parlon, blades resist accumulation iold and algae stimulated by presence of yarn in plant atmosphere.

Judson Mills also used Parlon paint on metal baffle (below) located in front of electric filter which cleans air as it leaves blending room. Unlike many other paints, Parlon will not flake off and escape into circulating system to contaminate air-conditioned atmosphere.





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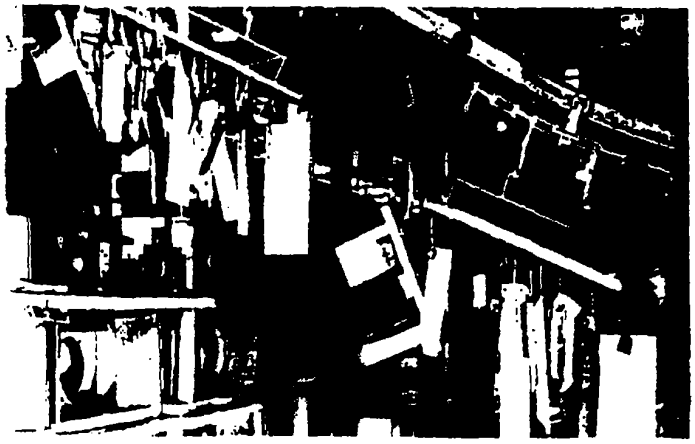
Transite air washer atop Saks Fifth Avenue, New York City, is painted with Parlon, which both protects and beautifies this familiar metropolitan landmark. After more than two years' exposure to city grime, fumes, and smog, the painted surface remains intact and new-looking.



In a single pass through a dip-tank, twenty-five different room air-conditioner parts in various and unusual shapes are given a tough, corrosion-resistant Parlon coating designed to provide protection throughout the lifetime of the completed unit.

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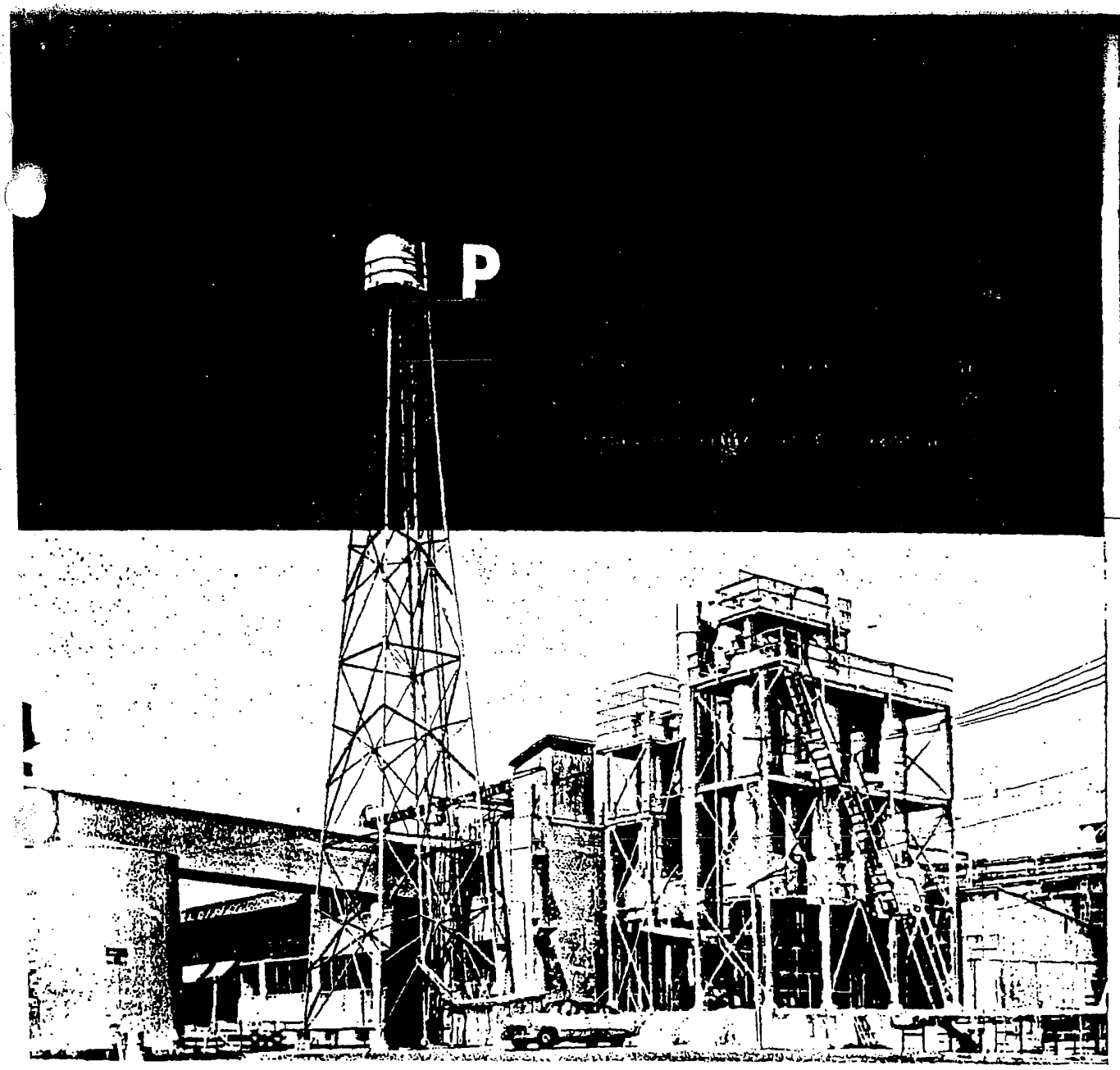
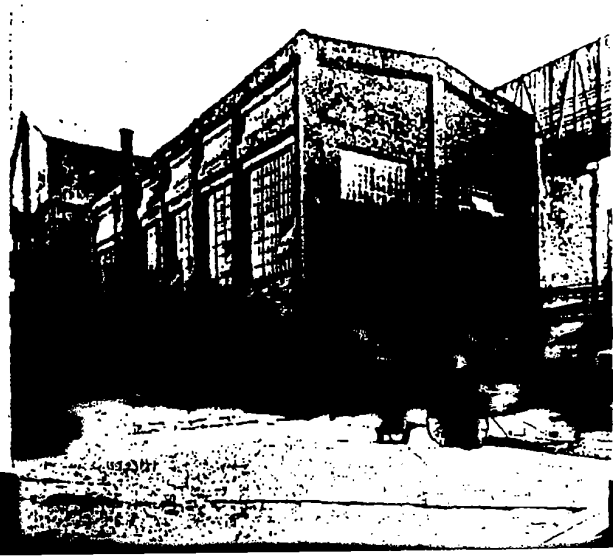


A Parlon finish protects both metal and masonry at the plant of the Real Gold Citrus Products Company (above), Anaheim, California. Parlon provides excellent resistance to corrosion in locations like this where moist sea air and heavy fogs attack exposed surfaces.



This brick boiler house (left) at Weyerhaeuser Timber Company, Everett, Washington, looks like new again after application of a single coat of Parlon. After weathering two severe Northwest winters, the Parlon-based finish remains bright, clean, and intact.

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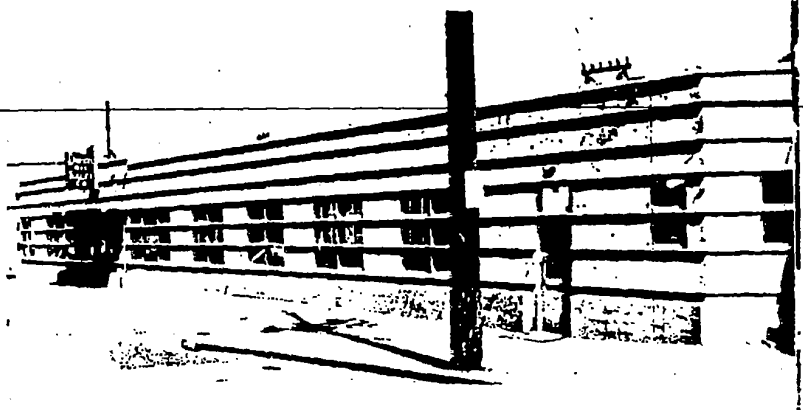
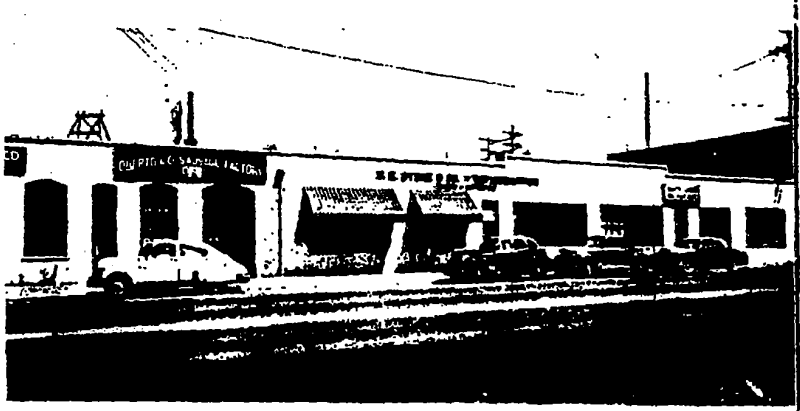
Parlon's performance in tropical climates is unmatched by other paints. Masonry exterior of Lago Mar North Hotel (right), Fort Lauderdale, Florida, remains in excellent condition after more than two years' exposure to sun and salt sea air.

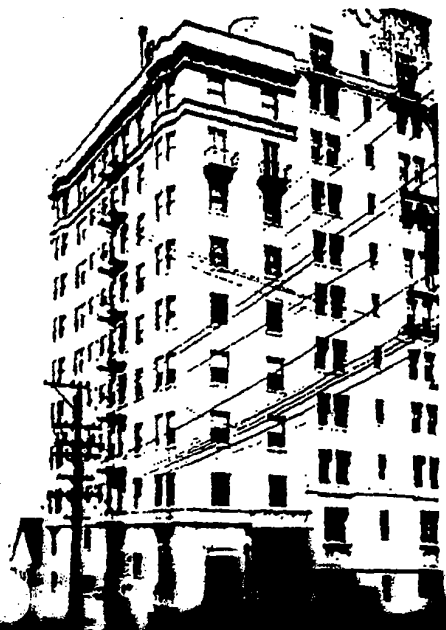


Metal exteriors, too, stay bright and attractive longer when protected by Parlon. Offices of Diesel Oil Sales Company (right), Seattle, Washington, have two coat finish of dark-green Parlon, match nearby storage tanks.



Until Parlon was used, the owner of this building found it impossible to keep this brick building properly painted. The gleaming white, good-as-new Parlon finish is now four years old. Note contrast with portion of adjoining building at extreme left in photograph, repainted 18 months ago with another type of finish and already showing signs of failure.





Here's a Parlon paint job that has an almost unbelievable performance. This apartment house (left) located near Golden Gate Bridge, San Francisco, and frequently shrouded in heavy sea fogs, has a Parlon finish still in excellent condition after more than eight years of exposure. Wooden trim and garage doors finished with oil paints have been repainted several times in the interim.

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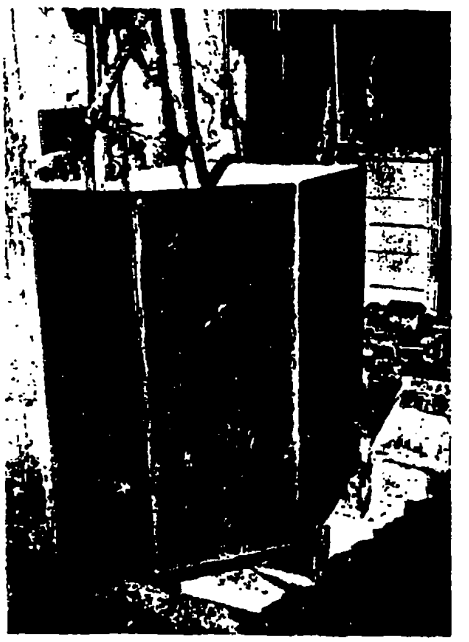
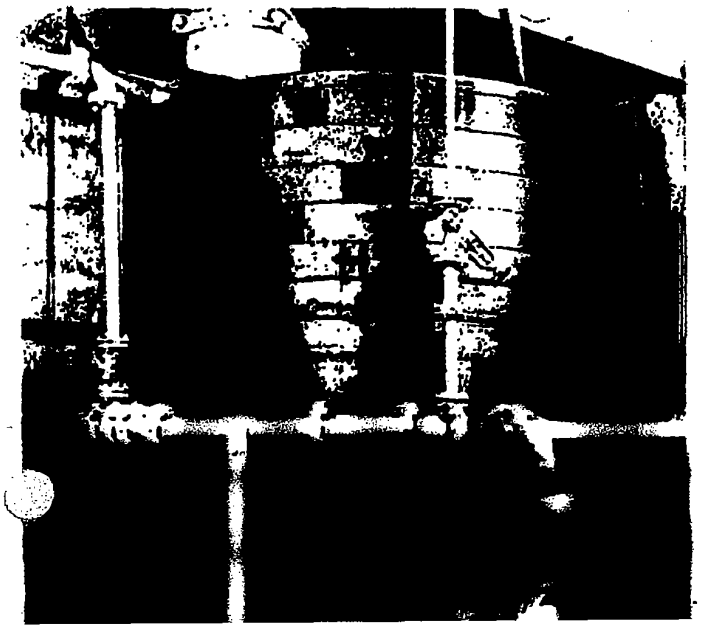
Oil storage tank (left) of Diesel Oil Sales Company, Seattle, Washington, is located near salt-water bay, must weather harsh Northwest winters. Protected with two coats of Parlon, tank is still like new after three years' exposure.

Before this concrete tank (opposite page) was lined with Parlon, the alum solution being stored was eating through cement and loosening mortar in brick wall behind. A three-coat Parlon finish, still in excellent condition after one year in use, successfully resists attack of alum, has simplified and speeded maintenance.



Acid storage tank (right) at York Haven Mill, International Paper Company, protected with two-coat liner of Parlon, provides a suitable container for caustic, acids, and wax emulsions, obviating the need for stainless steel equipment. Many paper mills line simple wooden boxes with Parlon to provide low-cost acid storage equipment.



This Parlon finish resists ferric-chloride, an acid capable of eating away bare metal or concrete. The 3,500-gallon wooden tank (left) with rubber liner stores ferric-chloride at Back River Sewage Works, Baltimore, Maryland. Parlon finish, over a year old, is still in good condition.

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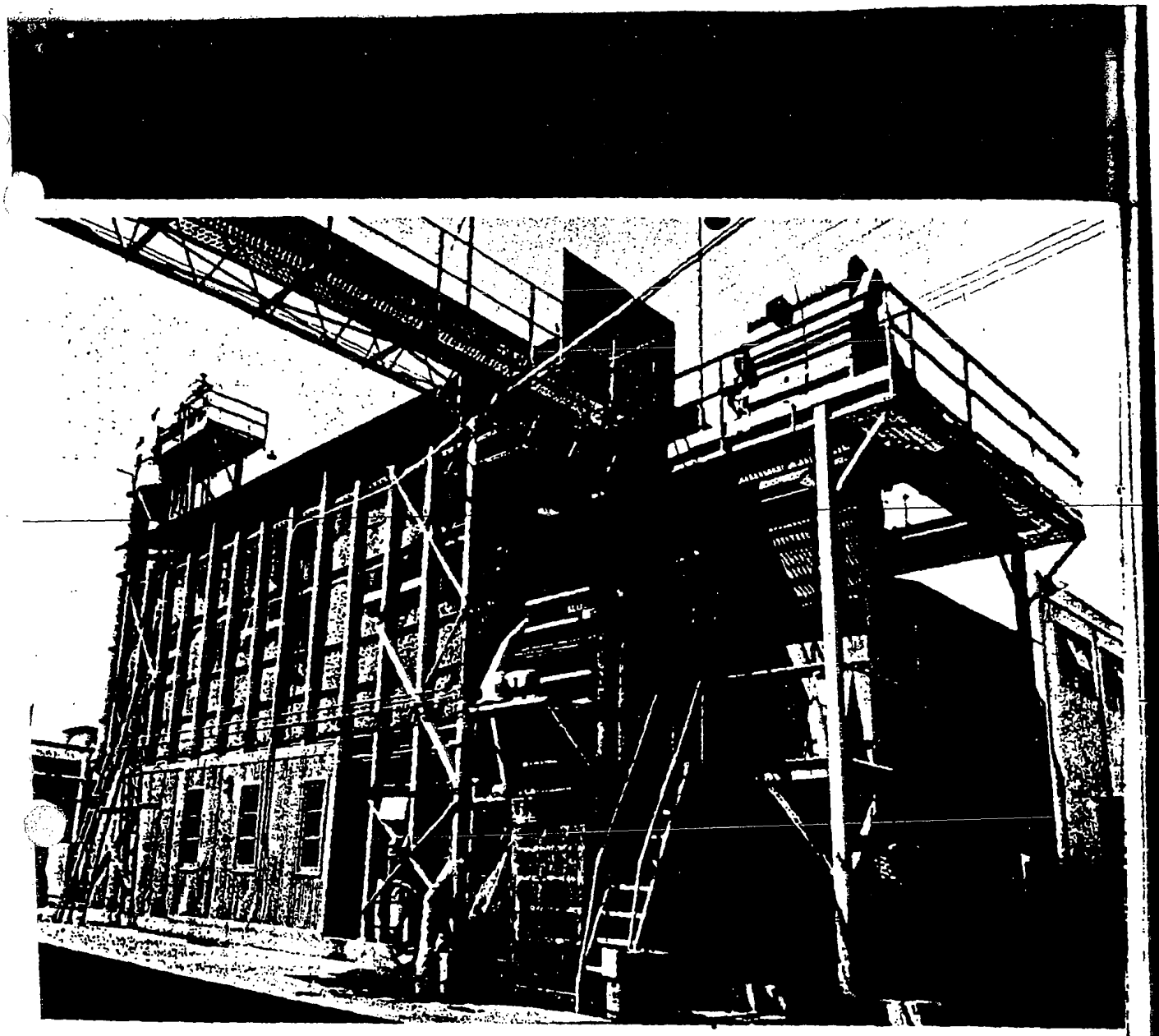
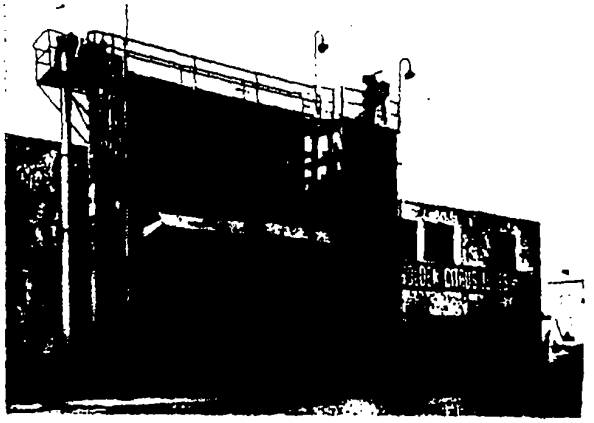


"THIS PAINT," says one food-processing plant engineer in speaking of Parlon, "stands up where other types just couldn't take it." In food processing, where food acids together with the strong caustic solution required to remove them rapidly destroy most protective coatings, Parlon has an outstanding service record. Combined with its exceptional durability is a rich range of attractive colors that keep food plants bright, clean, and sanitary.



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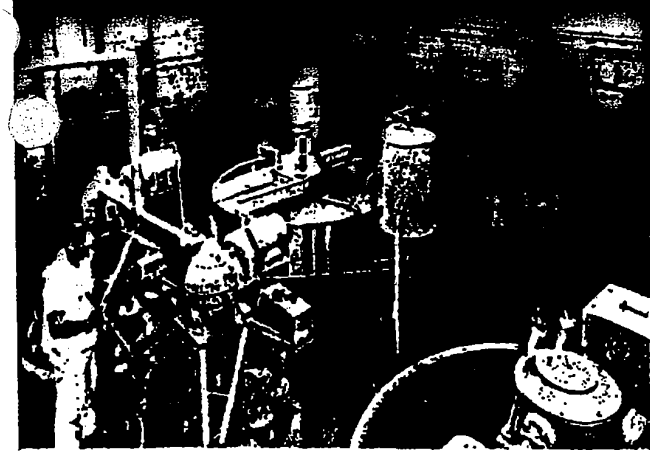
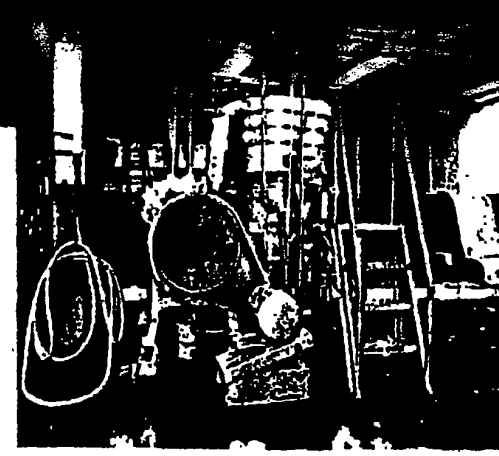
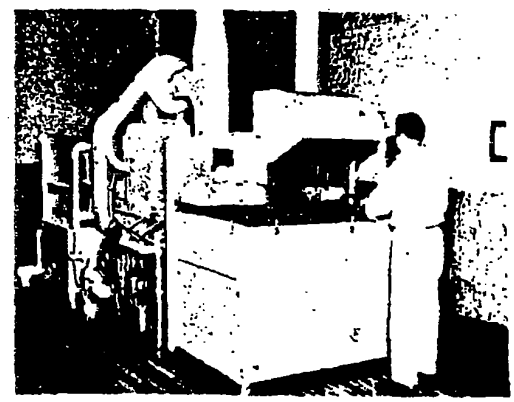


Parlon finish applied to walls, ceiling, and mechanical equipment in processing plant producing synthetic blood plasma (above) remains in excellent condition after two years' exposure to chemicals and chemical fumes. Paint in many locations was applied to fresh plaster, successfully resisting attacks of alkali underneath coating and frequent washings with a germicidal solution.



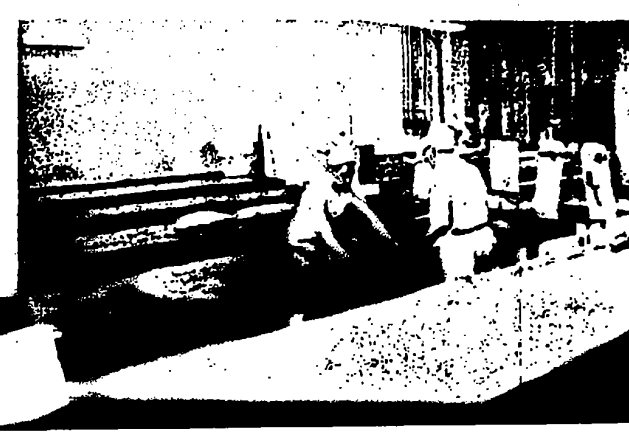
Juice finisher (above) at Golden Citrus Juices, Inc., has all metal parts not made of stainless steel protected by two-coat Parlon finish. Used to extract seeds and pulp from juice, unit is cleaned weekly with caustic solution. Other finishes discolored and failed after first few cleanings, but Parlon *stays* on, bright and new, for a full season of use.

A two-coat Parlon finish protects both fruit elevators and fruit storage bins (large photo, opposite page) and peel storage and sugar bins (lower photo, page 12) at Golden Citrus Juices, Inc. Prior to using Parlon, shutdowns for repainting were common, often halting production at peak of packing season. Parlon finish lasts a full season on frequently cleaned areas, longer in parts of plant where exposures are less severe.



Bakeries, too, stay clean and fresh-looking longer when protected by Parlon. Bakery equipment (above) at Drake Bakeries, Roxbury, Massachusetts, has two-coat Parlon finish still in excellent condition after more than a year of daily cleaning and exposure in humid atmosphere at 100°F.

Snow-white Parlon finish of interior walls and ceiling of Vernell's Candy Factory (right) makes it one of Seattle's show places. Despite frequent cleaning to maintain a spotlessly clean atmosphere in a plant open to the public, the Parlon finish remains in excellent condition after months of use.



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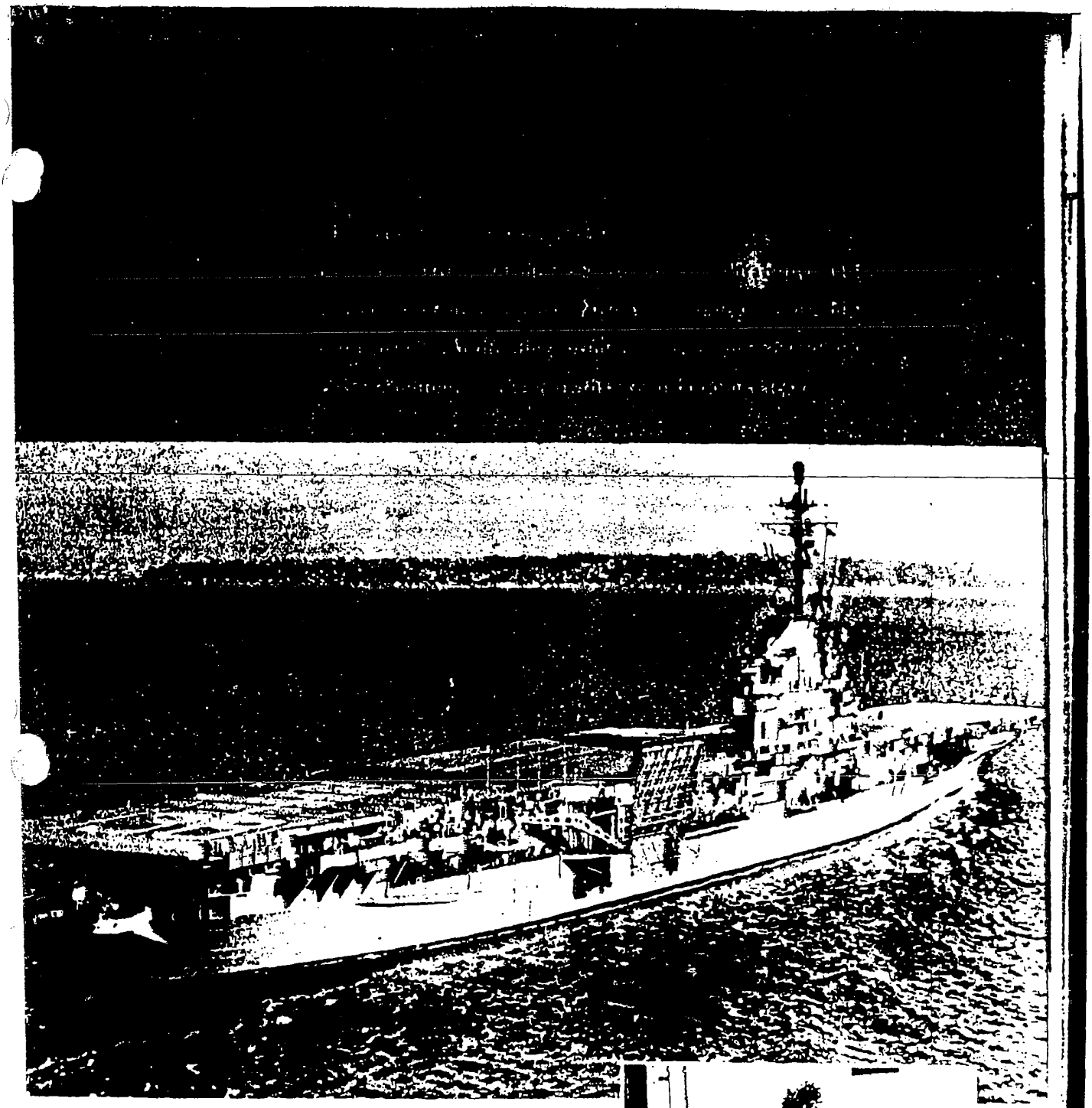



The wide color range offered by Parlon-based finishes, combined with ease of application, stability in storage, low maintenance, and fire-retardant characteristics were responsible for their selection by the U. S. Navy in developing new "habitability paints" for surface craft interiors. The new Parlon finishes come in nine pastel shades, supplying attractive and durable protection at low, long-term cost.

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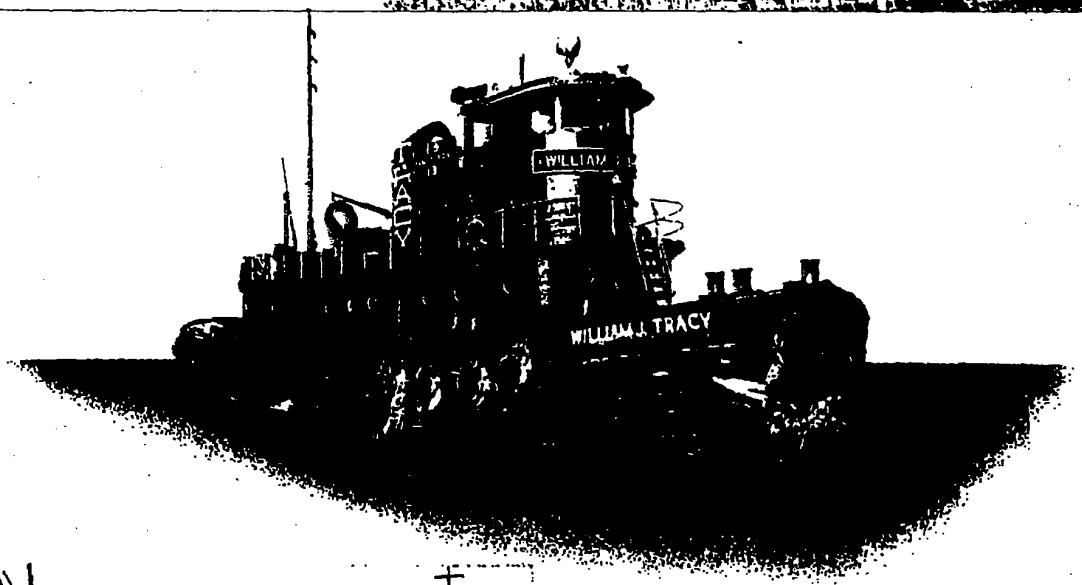
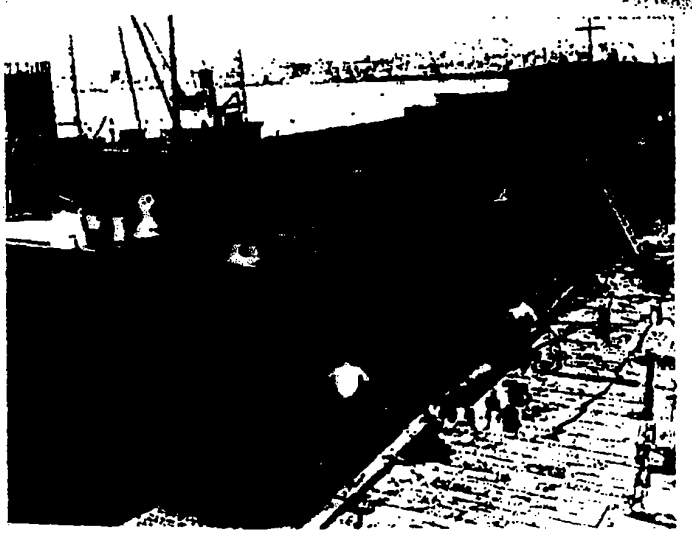
Spanning the Shinnecock Canal, with the ocean nearby, this Long Island Railroad bridge (right) is constantly exposed to salt fog, ocean spray, and high winds blowing fine particles of sand from the flats. Protected with two coats of Parlon, it remained in such good condition that three years later a new paint job originally scheduled for that time was postponed another year.





"A really fine paint," says W. J. Lane, superintendent of tug and barge maintenance for M & J Tracy, Inc., in describing the Parlon finishes used on steel coamings of sixty coal barges (left) and the decks and interior of the "William J. Tracy" (above). Parlon paints stand up longer in marine exposures. Applied to metal barges, they resist the sulfur in coal and the sulfuric acid formed when coal and salt spray meet.

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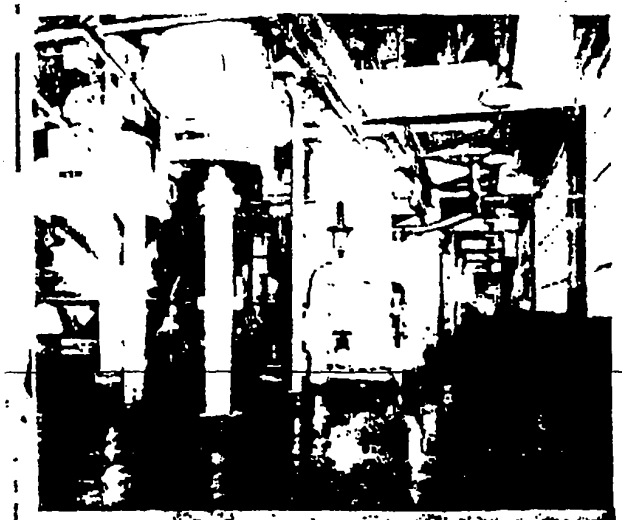
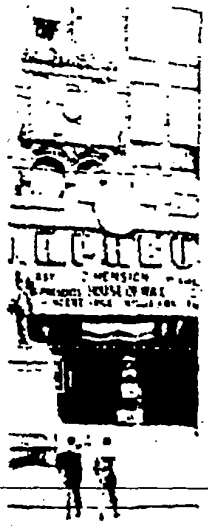
TRAFFIC AND FLOOR PAINTS



Aisles, working space, stairways, and three-foot walkways on operating floor of Amino plant (above), International Minerals and Chemical Corp., San Jose, California, are all painted with Parlon. Applied more than [illegible] is still in good condition [illegible] in this [illegible] constantly exposed to heterogeneous organic acids from [illegible] monoiodium glutamate.



A transparent Parlon finish protects wooden floors (above) in card room of Dover Mill, Shelby, North Carolina, providing resistance to oil, grease, and water, and preventing the checking of wood.



TOUGH and resilient, Parlon takes heavy traffic in its stride, stands up for months without visible signs of wear. Parlon traffic paints outperform all others and are specified by state, county, and city traffic engineers from coast to coast.

Parlon floor paints are easy to clean, richly colorful . . . applied to wood, metal, asphalt, and concrete they give long-term protection against attacks from acids, mineral oils, caustic solutions, and moisture.



Seattle crosswalk markings are applied with this hand-operated jig. Use of Parlon traffic paints cut Seattle's labor costs more than 25%. City now marks many more miles of streets than ever before, yet, because Parlon wears longer, actually uses less paint.

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Seattle, Washington, uses Parlon traffic paints exclusively. Even at city's busiest intersection, where bus and truck traffic is heavy, lines stay clearly visible for a full year. Parlon traffic paints are also specified by the states of California and New Jersey, and are used to mark state, county, and city thoroughfares from coast to coast.

Parlon traffic paints can be applied with remarkable speed, minimizing traffic tie-ups for painting. Seattle applies center-strip markings with this mechanized jeep (left). Driver steers jeep and operates paint spray; second man in team follows behind to set up rubber-line guards.

MON-MT-003371

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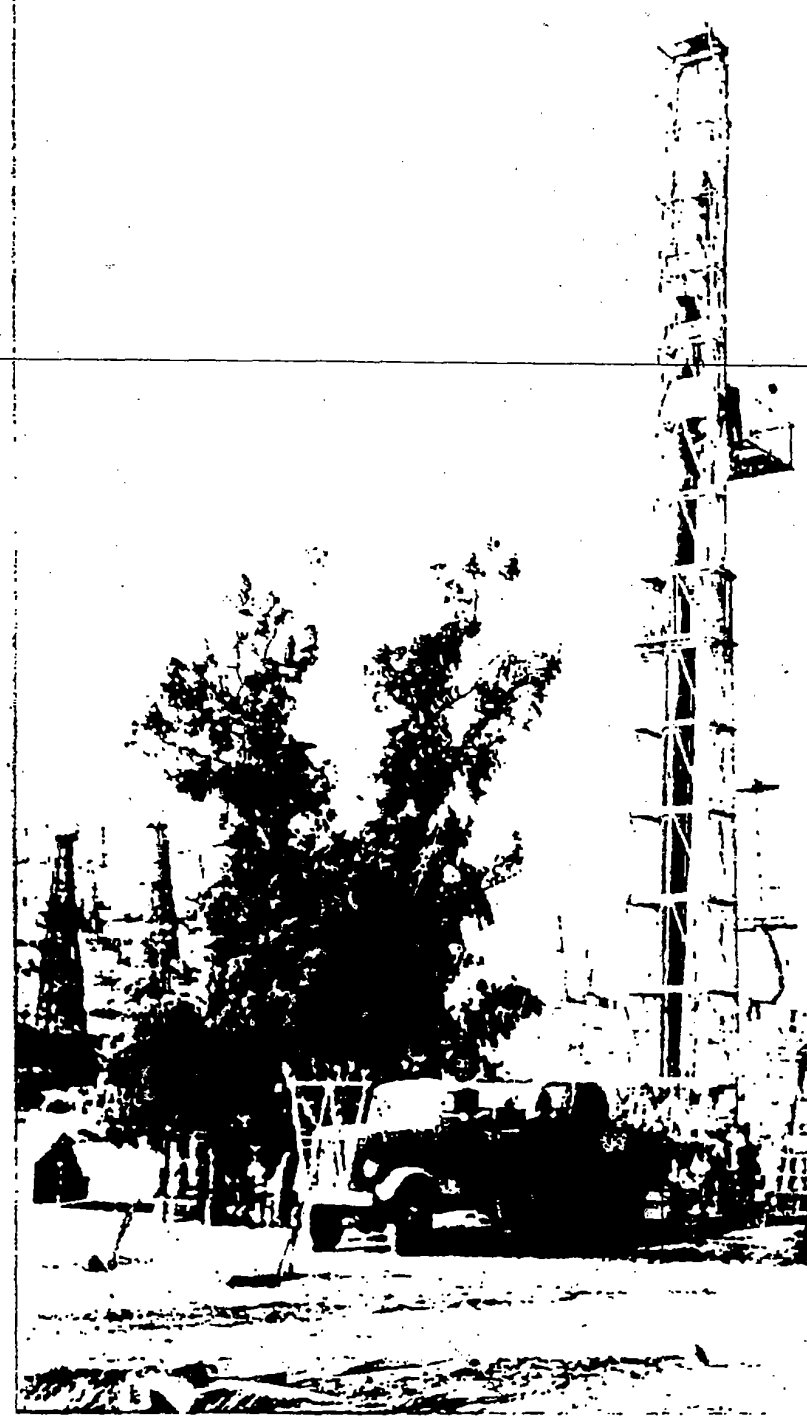
OILS AND CHEMICALS

PARLON is widely used by the petroleum and chemical industries for protective coatings in installations exposed to severe corrosive atmospheres. Resistant to acids, alkalies, fumes, and salts, Parlon finishes last longer than most other paints. They are unaffected by grease, gasoline, and other petroleum products. Parlon provides a practical, easy-to-apply finish of long-term durability for structures that might rapidly corrode without the outstanding protection it supplies.



Richfield Oil Company drilling rig has a Parlon-based protective coating on key metal parts. Parlon finishes have excellent weatherability, with fadeproof colors that improve the appearance of normally unsightly structures. Truck shown in photo is also painted with Parlon (see close-up on opposite page).

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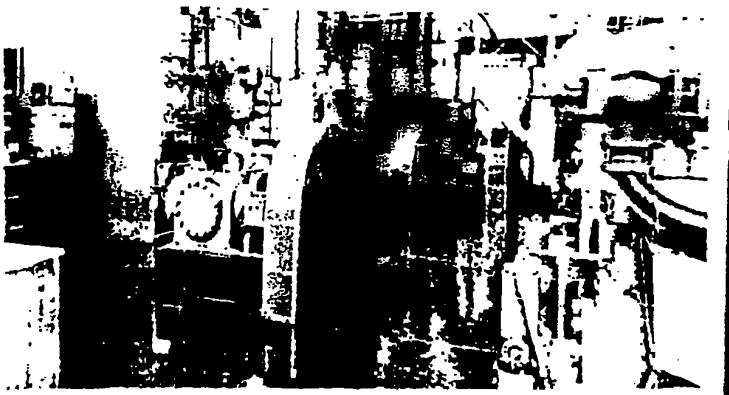
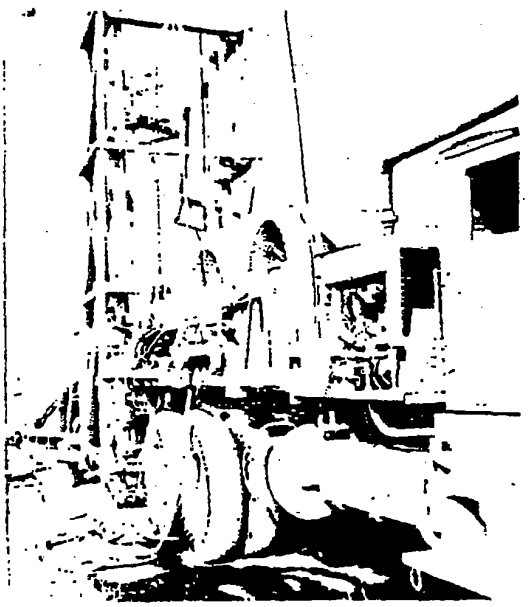


Floors of engine room in California citrus processing plant stay clean and new-looking with a two-coat finish of Parlon-based floor paint. Walls and metal piping are also painted with Parlon in contrasting colors, giving the entire room an appearance of cleanliness and efficiency.

Richfield Oil Company truck (below), used in conjunction with oil rig, is cleaned at frequent intervals with strong caustic solution to remove accumulated oil and dirt. Its Parlon finish *stays on*, without loss of color or deterioration of surface, after months of use, while previous finishes failed after first few cleanings.

To provide resistance to coolants and lubricants, this giant, 84-inch machining lathe (below) employed to machine generator shafts in the large steam turbine-generator department of General Electric Company is protected with a Parlon coating.





Parlon finishes provide superior long-term protection for equipment used to transport acids, soda ash, and other corrosive bulk chemicals. Parlon coating on tank car shown at right resists spillage, has excellent washability and durability.



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HOW TO PAINT

PARLON PAINTS may be applied by brush or spray. Most manufacturers supply them at brushing body, and thinning is rarely required except to make up for evaporation in exposed containers in use. For thinning and cleaning brushes or spray equipment, special thinners or solvents such as Xylol or Toluol are employed. Most Parlon paints cannot be thinned with turpentine or other ordinary paint thinners, since these are incompatible. Instructions for thinning Parlon and for cleaning painting equipment are usually found on the can label of the paint being used.

PAINTING ON CONCRETE, STUCCO, AND ASBESTOS CEMENT PRODUCTS

Parlon paints adhere well to all concrete surfaces, and resist attacks both from the alkalies in cement and corrosive elements to which the paint is exposed. On hard-troweled concrete, such as floors, a preliminary wash of 5 to 10% muriatic acid, applied with scrub brush or swab, etches the surfaces to provide a better bond and longer service life. Thinning the first coat to approximately 50% of normal consistency enables the film to anchor firmly to the cement surface. Subsequent coats at brushing body can be applied to obtain desired film thickness. Etching on side walls and surfaces which have not been hard-troweled is unnecessary. Three coats are usually recommended for floors; not less than two coats should be applied to side walls.

PAINTING ON IRON, STEEL, AND OTHER METALS

The surface to be painted must be reasonably free from rust and dirt. Wire brushing, followed by dust brushing, is adequate in most instances. For painting new metal surfaces or unpainted surfaces, special Parlon primers are available to obtain maximum adhesion and film build-up where exposures are extreme.

Parlon should be applied with a clean, dry brush, and *flowed on* with a full brush. Unnecessary working or brushing out, especially on second and subsequent coats, should be avoided. The Parlon film dries rapidly, and is quite firm within an hour's time. Best results are obtained, however, by allowing at least four hours between coats. When painting out-of-doors, a shorter interval is necessary.

Coverage and film thickness: On most metal surfaces, Parlon paints cover approximately 400 square feet per gallon for the first coat. Coverage of subsequent coats runs up to 450 square feet per gallon. *A minimum of three coats is recommended wherever severe exposures are involved.* Extensive testing has proved that a five-coat system provides the maximum long-term protection in exposures involving acids, chemicals, and extreme conditions of moisture.

SPRAYING PARLON

When Parlon paints are to be applied by spray, substantial thinning is required. Paint consistency will vary with the spray equipment and technique in use. Usually, equal parts of paint and thinner are required. A simple rule for those Parlon products which are recommended for spray use is to add thinner until "cobwebbing" is eliminated. The use of excess amounts of thinner cuts film thickness, necessitating an extra number of coats to obtain the required protective coating. Since Parlon paints dry faster when applied by spray, additional coats can be applied at shorter intervals than when brushing is employed. Wherever feasible, the application of Parlon by spraying is highly recommended.

WHERE TO GET PARLON PAINTS

Parlon paints are manufactured by more than 400 reliable paint formulators under their own brand names. If your regular supplier cannot furnish a Parlon paint for your purpose, write Department CP, Hercules Powder Company, Wilmington, Delaware, for further information. We will be glad to suggest a source of supply to help you obtain the results you want.

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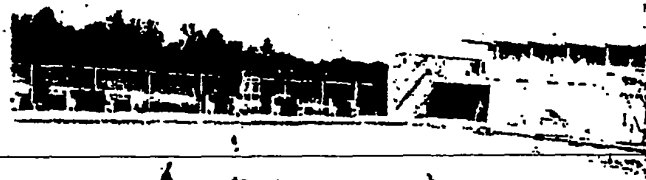
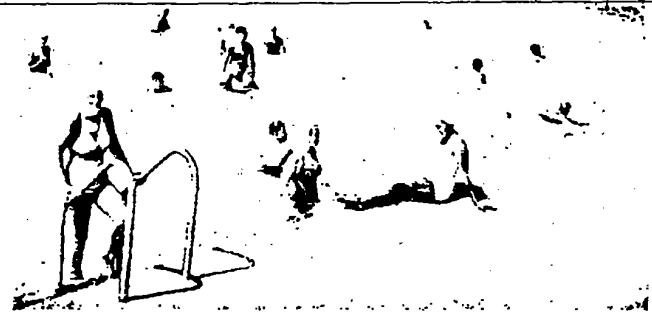
WITH **Parlon**

Impervious to moisture, Parlon swimming pool paints are widely recognized as superior in appearance and durability. They serve equally well on metal or concrete pools, have a tile-smooth, richly colorful finish that is unharmed by constant submersion, resistant to pool chemicals and weathering. Parlon paints eliminate the need for annual repainting . . . last two or three seasons or longer.





An excellent finish for asbestos shingles, Parlon can be applied to new shingles to obtain special color effects, or used to refurbish older structures when the siding has become discolored with age. Either way, Parlon provides worry-free protection that lasts for years.



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Parlon Stays Out

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CELLULOSE PRODUCTS DEPARTMENT

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Cellulose Products can be procured also through:

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Calgary, Alberta, 215 Tenth Avenue, West
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Toronto, Ontario, 137 Wellington Street, West
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