

## Reduce Home Noise Level

Visitors to scores of new-home and new-products displays frequently ask, "What can be done to quiet my present home? Is this feature relevant to new homes?"

The answer is "No." There's a lot you can do to significantly quiet the home you now live in.

Insulation board acoustical ceilings in all rooms where the noise level is high will sharply reduce annoying din.

Up to 70 per cent of the noise striking the surface of an acoustical ceiling is absorbed, making the room quieter and creating a more relaxed environment.

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large 2x2 or 2x4 foot panels for a suspended ceiling.

If a wall partition between two rooms permits noise to pass through easily, it must be modified. This suggests that homeowners install an auxiliary wall directly in front of the present wall on one side only.

The ISI system uses 2x3 inch wood studs placed 24 inches apart on 2x3 inch wood floor and ceiling planes. There is a 3 inch space left between the new and existing wall partition.

This same auxiliary wall can also be constructed on metal studs.

The new studs are then covered with sound deadening insulation board with the nails dimpled. Finally 1/2 inch gypsum wallboard is applied vertically with the joints, offset 12 inches with respect to the sound deadening insulation board.

The gypsum wallboard is installed with drywall laminating compound, not nails. Edges of the gypsum wallboard are temporarily blocked with strips of wood while the adhesive sets and bonds. The wallboard joints are then taped and finished. Finally, the entire perimeter of the new wall is caulked to prevent noise leaks. Your lumber and building materials retailer can supply complete details of this new wall system.

If you now hear loud conversation through your present wall, this auxiliary wall installation will reduce the same conversation to a murmur.

Replace hollow-core doors with solid doors with vinyl gasketing and a snug-up threshold closer. If you are installing new floor covering, take a look at the products with custom backing which reduces noise.

Mount appliances on rubber mats to absorb vibration. Line the underside of kitchen cabinets with insulating board for acoustical products to reduce counter-top clutter.

This same technique works well on the inside of cabinets housing dish washers and garbage disposal units. Quicker hardware can be installed in the water closet. Air chambers, well-known to your plumber, can soften hammer in the pipes.

## Philodendron Needs Light

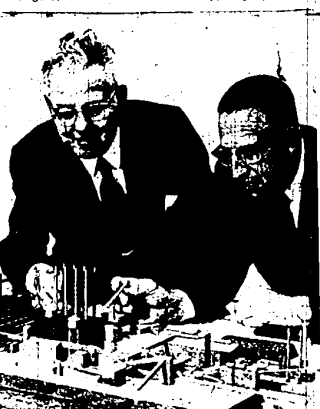
If your philodendron leaves appear to be getting smaller, your plant may not be receiving enough light.

In the belief that the leaves are so small because they do not take enough food from the soil, some house-holders over fertilize. Instead of doing this, move the philodendron, or other tropical vine, to a brighter spot and see whether there is an improvement.

In the tropical rain forests, where philodendron thrives, the plants climb along tree trunks to reach the light.

Thus, with the warm, moist atmosphere, helps keep the plant leaves large and fresh.

## Observer HOME IMPROVEMENT



FORD MOTOR COMPANY Executive Vice President Charles H. Patterson (left) and Steel Division General Manager Alfred Krause look over a scale model of the Rouge Power House where Ford will spend \$3,500,000 to reduce dust emissions. The expenditure is for six giant electrostatic precipitators.

## Ford to Spend \$3.5 Million in Pollution Fight

Ford Motor Company will spend \$3,500,000 to reduce dust emission from its Rouge Power House, Charles H. Patterson, executive vice president, announced Monday.

Construction of six giant electrostatic precipitators to control Power House emission is expected to begin in October. The installation schedule calls for the first precipitator to be operating in April, 1968. Another device will be completed every two months thereafter until the sixth and final precipitator begins operating in February, 1969.

Patterson said "the new project is one of the most important steps in Ford's multi-pronged air and water emission control program at the Rouge."

"The company has spent or is planning to spend approximately \$67 million for air and water emission control at the Rouge," he added. "The more than half of some \$132 million Ford has spent or is planning to spend for anti-pollution activities nationwide."

The new Power House equipment will be similar to a system installed on a new boiler at the Power House last year. Of eight stacks at the Ford Power House, seven are connected to operative boilers. Upon completion of this project, all stacks connected to operative boilers will have been equipped with electrostatic precipitators.

## Stainless Steel Gets A Florentine Finish

Stainless steel sinks are now available in a florentine finish that requires no special polishing.

## 4H Members Complete for 6 Scholarships

Six scholarships worth \$8,000 are among more than 300 4-H educational grants offered this year to former and present 4-H Club members, according to the National 4-H Service Committee.

Two are for \$800 each to be awarded to college sophomores of juniors majoring in agricultural courses that apply to crop protection and production. Doris is Chevron Chemical Company, Orton Division, of San Francisco.

Four scholarships of \$1,600 each are provided by HomeLife, a Division of Textron Inc., Port Chester, N.Y. These are available to college freshmen who plan to major or minor in forestry.

All six scholarships are based on 1967 college enrollment. Winners will be announced by the Cooperative Extension Service during the National 4-H Club Congress in November.

To be eligible, the candidate must have completed three years of 4-H Club work and submit a 4-H scholarship application form available from the State 4-H office. Scholarships standing, need for financial assistance and record of 4-H activities are considered by the judges.

Applications are processed through the State Extension office, and forwarded to the National 4-H Service Committee by Oct. 20. It is recommended that all college students wishing to apply should do so immediately.

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When Ford constructed its giant Basic Oxygen Furnace facility at the Rouge, an electrostatic precipitator was installed to reduce emissions.

Two weeks ago Ford announced completion of a \$2,200,000 project at its Dearborn Specialty Foundry in the Rouge.

According to Gloria Lewis, home design consultant for Just Mfg. Co., Franklin Park, Ill., makers of stainless steel sinks, the finish utilizes a cross-grain effect that hides fingerprint smudging.

As a result, Miss Lewis said, the sink doesn't have to be polished. You treat it as you would an ordinary porcelain sink.

There has been some criticism of stainless steel for kitchen use in general because of its susceptibility to fingerprints, she said.

"Insofar as sinks are concerned, this problem only lasts until the special polishing compounds applied at the factory wear off," she said. "Then fingerprinting becomes almost entirely unnoticeable."

"With the new florentine finish, the problem is solved at the beginning."

Miss Lewis points out that in addition to being functional, the new finish is also highly attractive and a complement to the kitchen.

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