

Prepare for next winter . . .

Replace old windows, add storm sash to save fuel

Don't let warm weather lull you into forgetting that ill-fitting and drafty old windows can rob you of precious heat next winter unless you replace or repair them.

If they are not snug and do not provide good insulation, you should consider remodeling with efficient, modern replacement windows; if they can be sealed effectively against leaks and drafts, shop for storm windows instead.

Either way, you can reduce

heat loss through your windows substantially, be more comfortable, and help to reduce your fuel bills.

To achieve maximum savings next winter, order storms early so you have them when the cold weather arrives.

Popular storms

Aluminum-framed replacement windows are still the most popular because they are efficient, require little maintenance

and blend into any style of architecture.

Although rigid and strong, these windows are lightweight and easy to handle, and the metal won't shrink, swell or rot.

The most efficient kind with a single opening sash are thermalized aluminum windows because they reduce heat conduction throughout the entire window and insulate as well as wood or vinyl.

Improved weatherstripping is

used in the component parts of most windows, along with double or triple glazing (two or three sheets of glass separated by dead air spaces). Savings in energy alone can help offset their initial expense.

For instance, if you owned an average size house with 250 square feet of old single-pane windows in Manchester, Vt., you might have saved up to \$260 in your heating bills last year, when oil was 85¢ a gallon, by installing double-glazed re-

placement windows with a thermal break.

Across the country

In Gary, Ind., savings could have reached \$225 for the year, and even in warmer Lexington, Ky., your fuel oil might have cost approximately \$160 less.

If you heated with electricity, savings could have been three times higher; with gas about a quarter less.

Aluminum replacements can be fitted to any size or shape window—picture, bay, double and single-hung windows, vertical and horizontal sliders, tilt-out windows which make cleaning especially easy, and doors of all kinds.

Decorative finishes

Baked-on or anodized finishes in a wide selection of colors let you match or blend the window frames with your decorating scheme. These colors remain clear and bright through years of service.

Because they come as complete pre-assembled units with aluminum frame, glass, weatherstripping and trim, aluminum-framed replacement windows usually can be installed within a day's time by a qualified installer.

If your budget won't allow for the entire job this year, have the replacement windows installed gradually, doing the coolest rooms first.

Remember, too, that Uncle Sam allows you a 15 percent credit, up to a maximum of \$300, on your income tax for home improvements that help to conserve energy.

Where windows do not need replacing, storm windows can be equally effective in reducing heat loss, providing your prime windows are in good condition and can be caulked and weatherstripped properly.

Because of reduced heat loss and resultant increased fuel savings, you can usually realize a return on this type of investment in three to five years.

Double protection

A storm window provides a second window over the original glass, and almost all of them today have aluminum frames and self-storing screens.

Just as with a good replacement window, a storm window helps to keep the cold outside

and the heat inside in winter, and the reverse in summer.

Most popular and efficient are multitrack, low maintenance units which come in standard sizes or can be custom-cut to fit any size or shape opening, including bay and picture windows and patio doors.

The frames can be ordered in mill, baked-on or anodized finishes in several different colors.

Installed over single-glazed windows, these aluminum storm units create double-glazed windows; over double-glazed thermalized windows they create a triple-glazed unit which gives maximum protection for particularly cold areas and further reduces fuel use.

Whether you're shopping for replacement or storm windows, don't buy the first window you see. Compare the quality of the various styles being offered.

Check to assure that the joints in the frames are neat and strong, and remember that the heavier the aluminum frame and general construction, the stronger and more durable the window.

Weatherstripping should be thick and properly placed, and the glass should be flat and free of iridescence.

Make sure, too, that the window you choose has the AAMA (Architectural Aluminum Manufacturers Association) Certification label.

This label will assure you that the window has passed tough tests for air infiltration, wind load and restrictions on heat conduction approved by the American National Standards Institute.

Improve original windows

No matter how good the storm window you buy, however, it will not give you maximum performance unless your prime windows are airtight. Your storm window installer will usually caulk around the frame before putting the new units in place.

It's wise to choose your remodeling contractor as carefully as you choose the windows, for it is his installation expertise that will enable you to realize the best results from any kind of window improvement.



SAVE HEAT by replacing old, worn-out windows with pre-finished, aluminum-framed, thermalized ones such as this triple-slider being set into repaired window frames. Other aluminum replacements can be fitted to any size or shape window. All come in a wide variety of baked-on colors, are maintenance-free, lightweight and easy to handle. If your prime windows are still good, add aluminum storm windows for extra protection.

When making that lifetime investment . . .

Helpful suggestions for choosing a new roof wisely

Buying a new roof is a king-sized headache for most homeowners, since it is not the kind of product most people buy every day. As a result, it arouses far more anxiety than even the purchase of the family car.

The following suggestions will help overcome a lot of this anxiety by familiarizing the potential owner of a new roof with some basic facts about roofing so he can make a wise decision and end up with a good investment as well as a good-looking roof.

Asphalt most popular

More than 85 percent of the houses in the U.S.A. have asphalt shingle roofs and this is the type of roof that the vast majority of homeowners will buy again.

The reason is simple: asphalt shingles combine good looks, safety and a reasonable price to a far greater degree than other currently available building materials.

First, a homeowner must be alert about when it is time to buy a new roof. If the house is 15 or more years old, look for some of the following symptoms of an ailing roof: broken, cracked, curled, warped, or missing shingles, bare shingles, with granules in the drains and gutters, where they have been deposited by rain, and so on.

Call a professional

If any of these symptoms are becoming evident, it is certainly time to call in a professional roofer for a consultation.

Damage in a roof is not always easily apparent. Sometimes the only clue will be a leak in the attic or one of the upstairs bedrooms.

In any case, a professional roofer will be able to locate the source of the damage and to assess the need for either minor repairs or a completely new roof.

Repair the old

Sometimes the deck beneath the roof may be damaged by excessive moisture and will need to be replaced or repaired before the shingles are applied.



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Shingles are available in standard types, which offer a 15 year warranty, or premium types, which carry a 25 year limited warranty.

Basically, both types of shingles will provide the same protection against rain, sleet, hail, snow, wind, fire, etc.

Premium offers more

Why choose the premium over the standard type of shingle? The premium type, in addition to its extended life span, has a special design and pattern which make it especially pleasing to the eye and architecturally acceptable because of its random tab appearance.

For example, GAF Timberline shingles, which are the top-of-the-line products made by America's largest manufacturer of asphalt shingles, are found in homes both large and small, mansions as well as basic tract houses, and always lend a look of distinction and quality to the house as no ordinary standard type of shingle can.

And, because of its extended life, Timberline costs no more in the long run than the standard type of shingle.

Color in asphalt

According to many surveys, color is the basic factor in the choice of a new roof. Here, asphalt shingles have far more to offer than cedar, tile or any other roofing materials.

Asphalt shingles are available in a practically unlimited variety of colors and blends, permitting the homeowner to select whatever color he needs to tie in with his siding, the architecture of his home, the surrounding environment, etc.

Timberline shingles, for example, are available in a choice of six popular color blends: charcoal, cedar, heather, redwood, slate and weathered wood.

These truly modern color blends enable the homeowner to achieve the desirable appearance of lived-in luxury and being a natural part of the

surrounding environment which is so pleasing to current standards of taste.

"Self-sealing"

Modern asphalt shingles are also distinguished by "self-sealing." This means that the back of the shingle is provided with a special thermoplastic sealing agent which is activated by the sun after the roof has been installed.

This sealing material actually

fuses the shingles together to form, in effect, a one-piece roof.

Choose colors for your roof in the following way. Darker colors will help to reduce the impression of height and lend a feeling of warmth and cosiness to the house.

Light siding

Lighter colors will make the house look taller. If your siding is light, a dark roof will give the house a dramatic accent.

Never use more than three colors for roof, siding and trim.

Before buying your new roof, check around the neighborhood for good-looking new roofs and find out who did the job.

Talk to two or three qualified roofers and ask for estimates based on the same specifications. A professional roofer will be happy to supply references and answer your questions.

Once in a lifetime

Consider the fact that buying

a new roof is done only once or twice in a lifetime. It is definitely worth doing right.

When buying a roof, always look for the reputation of the man who is doing the installation as well as the manufacturer whose shingles will be put on your roof, since your warranty is only as good as the manufacturer who makes the shingles.

If you shop as carefully for your roof as you do for your car, you will undoubtedly choose your new roof wisely and well.



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THE VILLAGE OF CASS CITY
REQUESTS YOUR COOPERATION**

**ZONING PERMITS
MUST BE SECURED BEFORE BUILDING
PERMIT CAN BE ISSUED FROM COUNTY**

*Zoning and Building Permits must be issued
before construction can start*

**AVOID COSTLY DELAYS! CONSTRUCTION
COULD BE STOPPED IN PROGRESS AND
CONSTRUCTION PERMANENTLY HALTED.**

**BE SAFE! ZONING PERMITS
AVAILABLE FROM THE VILLAGE CLERK
AT THE MUNICIPAL BUILDING.**

Village Law Provides For A \$100 Fine
and/or 30 Days In Jail For Starting Building
Without Permit.



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