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Many factors to consider with window replacement

By Donovan Isaacs,
Lomax Window & Door Co.

When you have decided that it is time to replace the windows in your home, there are many factors to consider; three of the most important are cost, quality and value. From a cost standpoint alone, vinyl windows are the obvious choice. Many builders choose vinyl windows because they are the least expensive to manufacture. Vinyl windows can be made cheaply and initially perform as well as most in terms of energy efficiency. Unfortunately, vinyl expands and contracts in hot and cold temperatures, and UV light breaks down the plastic-like material over time. This is especially concerning at high altitude where the rays of the sun are most intense, and temperatures fluctuate greatly. After about 5 years, vinyl windows are no longer performing as well as when they were new. Vinyl begins to change shape with age causing the window to no longer seal completely. Vinyl windows deteriorate in UV, turn yellow, and can bow and distort causing a high loss of function. On average, vinyl windows need to be replaced after 15 years.

Window performance is rated by an independent third party called American Architectural Manufacturer Association (AAMA). Aluminum-clad wood windows are rated as the highest performing windows in windy conditions and hold up the best under intense UV exposure and high temperatures. Aluminum-clad wood windows have a thick aluminum exterior that has powder coated paint baked on at 400 degrees. The interior of these windows is made of solid wood that can be stained, clear-coated or painted. Wood is a great insulator and is aesthetically pleasing in any home. The wood used in premium window lines is pressure treated and requires little to no maintenance. In terms of quality, there is no contest, aluminum-clad wood windows are the best.

At this point, you may be thinking; “I don’t want cheap windows that will need to be replaced sooner than later, but I also don’t need the best windows for my home.” Composite windows are a great option for homes that don’t need the crème de la crème, just efficient, high quality windows that will last. Value, by definition, is the best quality for the best price. Composite is twice as strong as vinyl, will last easily twice as long, and has higher energy efficiency ratings which hold true over time. These windows are truly the best value window on the market.
Simple ways to prevent 
dog-related lawn damage

Dogs love spending time outdoors. Dog owners with yards know that dogs benefit greatly from some exercise in the backyard. While that time might be great for dogs, it can take its toll on lawns.

Dog urine and feces can adversely affect the look and health of a lush green lawn. Nitrogen is essential to healthy soil, but only at certain levels. When those levels are exceeded, the result can be lawn damage. According to The Spruce Pets, an advisory site that offers practical tips and training advices to pet owners, this is what happens when pets frequently urinate on grass. Urine is naturally high in nitrogen, so when pets urinate on lawns, the grass might turn yellow or brown due to the excess nitrogen content. Nitrogen also is present in lawn fertilizers, further exacerbating the problem for pet owners who fertilize their lawns.

In addition to urine damage, dogs can trample frosted grass, contributing to problems that may not become evident until spring, and get into areas like gardens where they wreak additional havoc.

Pet owners who want to let their dogs run free in the yard but don’t want damaged grass may be tempted to put their pooches in diapers or confine them to crates when letting them outside. But such an approach isn’t necessary. In fact, some simple strategies can be highly effective at preventing dog-related lawn damage.

- **Speak with a landscaper about planting new grass.** Certain types of grass, such as Bermuda grass, can withstand dog damage better than others. Local climate will dictate which types of grass are likely to thrive in a given area, so speak with a professional landscaper about the viability of planting new grass.

- **Install fencing.** Pet owners with expansive yards can install fencing that allows dogs to spend time exercising outdoors without granting them access to the entire property. Large dogs will need more room than small ones, but try to build fenced-in areas that allow dogs to run freely and get the exercise they need to stay healthy.

- **Work with a dog trainer.** Dog trainers might be able to work with dogs so they only urinate in certain areas of the yard, greatly reducing the damage they can cause to a lawn. Trainers also might help curb digging and clawing behaviors that can damage lawns as well as gardens.

- **Consider hardscaping.** Hardscaping might be most effective for pet owners with small properties. Hardscaping does not include grass and can add visual appeal to a property while saving pet owners the headaches of dealing with dog-related lawn damage.

Dogs need time outdoors, and homeowners can take various steps to protect their lawns from dog-related damage.
Millions of people anxiously anticipate the arrival of spring. Months spent cooped up indoors as temperatures outside dip below freezing can take their toll, and those first warm, sunny days of spring can be just what people need to kick the winter blues.

Winter can be dreary for people confined to indoors as temperatures drop, and poor air quality in a home can add to that dreariness while adversely affecting individuals’ health. Air quality tends to suffer most in winter, but there are ways to ensure the air inside a home stays healthy all year long.

- **Inspect and address any sources of carbon monoxide.** Carbon monoxide, or CO, is an invisible, odorless gas that can contribute to poor indoor air quality and a host of health problems if it goes undetected in a home. According to the U.S. Centers for Disease Control and Prevention, potential sources of CO in a home include improperly vented natural gas appliances, such as stoves and water heaters, gas-powered tools that are used indoors, clogged chimneys, or blocked heating exhaust vents. Men and women can periodically inspect potential sources of CO and address any issues they find while also making sure all CO detectors are properly installed and functioning optimally.

- **Inspect HVAC ducts.** Ductwork is used to deliver warm or cool air in homes with heating and air conditioning systems. The U.S. Environmental Protection Agency notes that much of the dirt in air ducts adheres to the duct surfaces without ever entering living spaces. However, the EPA notes that homeowners should consider having their ducts cleaned if an inspection uncovers substantial visible mold growth. In addition, the EPA recommends homeowners consider cleaning if ducts are infested with vermin or clogged with excessive amounts of dust or debris.

- **Avoid chemical cleaning products.** Chemical cleaning products may be great at disinfecting dishes, countertops and other areas in the home, but such items may be toxic and adversely affect indoor air quality. For example, chemicals such as bleach and ammonia, which are used in many commercial cleaning products, can linger in the air, irritating the eyes, nose, throat, and lungs. Homeowners concerned about the quality of air in their homes also can avoid scented products, such as air fresheners and scented detergents, which the National Institute for Occupational Safety and Health notes may release volatile organic compounds into the air.

- **Inspect bathrooms for mold growth.** Mold can grow on surfaces that are routinely wet, and that makes poorly ventilated bathrooms common sources for home mold infestations. Mold can adversely affect indoor air quality when mold spores are released, potentially triggering allergic reactions, asthma attacks and respiratory conditions. After bathing in bathrooms without vents, men and women can open windows so the room dries before mold can grow. In bathrooms with vents, make sure vents are running during baths and showers and afterward until ceilings, walls and floors appear dry.

Poor indoor air quality can be easily addressed to ensure individuals stay healthy throughout the year.
Is it time to **update** your home’s electrical system?

The invisible systems in a home often are taken for granted. When such systems are working as expected, daily life moves along smoothly. However, when a system goes awry, it can negatively impact routines and may create a dangerous home environment. This is especially true when something goes wrong with a home’s electrical system.

Faulty wiring is a leading cause of residential fires. Many homeowners, particularly those who live in older homes, might be living in properties that have outdated electrical systems. The experts at Lowes ProServices state that having old wiring and/or insufficient amperage in a house can endanger residents. It also may damage appliances and make it difficult to sell a property in the future.

It can be difficult to gauge exactly when to overhaul an electrical system. Unless circuits routinely trip or lights often dim, homeowners may put off the work. But degrading wires or overextended circuitry can pose a fire risk, so it is best to address electrical systems promptly.

Home inspections may uncover electrical problems. Some homeowners may discover potential trouble while making renovations that require opening up walls or tearing them down, exposing the wires. Still other homeowners learn about electrical systems when they’re adding new, large appliances or other gadgets that consume more power than existing items. These devices may continually cause power outages in the house, such as tripping the circuit breaker or popping a fuse.

When it comes time to update the electrical system, it is always best to work with licensed and bonded electricians who have the expertise to work with electrical wiring without getting injured. This is not a do-it-yourself type of job since it requires specialized training.

Electricians likely will recommend upgrading the electrical panel to bring more power from the utility poles into the home. This can include replacing the existing meter and circuit breaker box to allow it to handle more power or replacing items that are obsolete or dangerous.

Many older homes are only capable of handling a minimum number of amps, utilizing just a few circuits. But nowadays, when homeowners have far more electronics in their homes than they once did, increased demand on electricity can overload a circuit (all of the outlets linked on one wire). Tripping a circuit breaker is a safety measure to prevent the wire from becoming overheated and causing a fire. However, in some old systems, the circuit breaker will not trip, and this can be problematic.

Rewiring a home is another step. Wire insulation can deteriorate over time, and new wires may be needed. This can be messy and time-consuming, but it’s a small price to pay for safety. When rewiring an electrician also may suggest new outlets. Many home building codes now require outlets with ground fault interruptors, or GFIs, in kitchens, bathrooms and other rooms exposed to moisture. Some older homes may not even have three-pronged outlets, so this will necessitate an update as well.

Electrical systems are the heart of a home, delivering power where it is needed. It is essential to keep such systems up-to-date so they can handle the power demands of everyday life.
Post-winter garden prep

Lawns and gardens can bear the brunt of winter weather and are often in need of tender loving care by the time spring arrives.

Preparing a garden for spring and summer involves assessing any damage that harsh weather might have caused. As temperatures climb, gardeners can heed the following post-winter garden preparation tips in an effort to ensure some successful gardening in the months ahead.

• Assess the damage. Even if winter was mild, gardens might still have suffered some damage. Inspect garden beds and any fencing or barriers designed to keep wildlife from getting into the garden. Before planting anew, fix any damage that Mother Nature or local wildlife might have caused over the past several months.

• Clear debris. Garden beds and surrounding landscapes that survived winter without being damaged might still be littered with debris. Remove fallen leaves, branches and even litter that blew about on windy winter days before planting season. Make sure to discard any debris effectively so it does not find its way back into the garden.

• Turn the greenhouse into a clean house. Spring cleaning is not just for the interior of a home. Cleaning a greenhouse in advance of spring can help gardeners evict any overwintering pests that can threaten plant life once spring gardening season arrives. A thorough cleaning, which should include cleaning the inside of greenhouse glass and washing flower pots and plant trays, also can prevent plant diseases from surviving into spring.

• Check for pests. Speak with a local gardening professional to determine if there are any local pests to look out for and how to recognize and remove these pets from gardens. Pests may hibernate in the soil over the winter, and such unwelcome visitors can make it difficult for gardens to thrive come spring and summer.

• Assess plant location. If plants, flowers or gardens have struggled in recent years or never grew especially vibrant, then gardeners may want to assess the location of their plant life before spring gardening season begins. Some plants may not be getting enough sunlight in certain locations on a property, while others might be overexposed to the sun during spring and summer. Moving plants that are not thriving prior to the start of spring gardening season may be just what gardens need to flourish in the coming weeks.

Spring gardening season is right around the corner, so now is an ideal time to prepare gardens for the warmer seasons ahead.
A simple project that will help keep your home cool this summer is topping up your attic insulation. This easy project will reduce your household energy consumption and will save you money on monthly energy bills.

A poorly insulated attic is a primary source of energy loss, forcing your AC unit to work harder than necessary. Most attics are insulated, but many, especially those in older homes, are not insulated adequately enough. Over time, insulation can settle and compact, allowing heat to escape through gaps.

Topping it up is easy. Ideally, you want to aim for a depth of 16 inches of insulation for an overall R-value of 50. When existing insulation is present, simply level existing insulation to the top of the joist. Lay Roxul ComfortBatt on top of joists, running perpendicular to the first or existing layer of insulation. Ensure batts are butted against each other tightly. Fit batts closely to cross joists: cut batt if necessary (this can be done easily with a serrated blade or bread knife) and leave no space between layers. Don’t forget to insulate the attic hatch to the same level as the rest of the attic. Apply weather stripping to the edge of the hatch to reduce air leakage. Keep in mind that only IC-rated electrical fixtures can have insulation placed with zero clearance. Follow manufacturer’s instructions and local building code to insulate around the chimney.

Insulation begins working the moment it is installed and lasts throughout the life of the building, which means one easy DIY project can provide years of savings.

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Few home improvements can transform a home more than the installation of new siding, and the right siding will maintain its appeal for years to come.

Updated siding can improve home’s energy value by enabling owners to save on heating and cooling costs. A new design and color also can improve a home’s property value and set it apart from neighboring properties. According to the Professional Builder’s Home Exteriors Survey, exterior design and materials used are a top priority for new home buyers.

Project costs depend on the size of the home as well as which siding material homeowners choose. Considering new siding is a major renovation, it pays to get the job done right.

Choose a qualified contractor

It is important for consumers to do their research when it comes to siding materials and contractors. A contractor who takes shortcuts or improperly installs the siding may void a manufacturer’s warranty. Always ask family members and friends for recommendations before choosing a contractor, and check out each prospective contractor’s work for yourself. Interview more than one contractor and compare both their costs and what they offer. Ask plenty of questions of the contractors, and avoid those who try hard-sell methods. Questionable contractors may try strategies like a promise of a considerable discount if you “act now” or scare tactics that your home is unsafe in its present condition.

Be sure the contractor carries general liability insurance as well as workers’ compensation insurance for their subcontractors. Ask for a license number as well and verify its accuracy.

Select a durable material

Siding comes in all types of materials — from wood to plastic to fiber cement — but vinyl is among the most popular due to cost and availability. Research how well particular brands of siding stand up to conditions and which are the least likely to crack, warp or discolor. Find this information from online reviews or through consumer advocacy groups. Also remember, vinyl and other synthetic materials have improved and can now mimic the look of many other materials for a fraction of the cost.

Calculate how much you need

Before you price out siding with contractors, estimate how much you will need for your house. Consumer Reports suggests multiplying the height times the width of each rectangular section of your house in feet, going by what you can measure from the ground, to determine their areas. Multiply the approximate height and width of gables and other triangular surfaces and divide each total by two. Then add all the totals. To allow for waste, don’t subtract for doors, windows or other areas that won’t be covered. Finally, divide the total square footage by 100 to estimate how many squares of siding you will need. A square represents 100 square feet. Knowing how much you need can save you money.

Vinyl siding can completely transform the look of a home and make it more energy efficient. Consumers who do their homework will get the best value for their investments.
How to choose the right window treatments for your home

Plantation shutters? Mini-blinds? Cafe curtains? Formal draperies? Homeowners’ options in regard to window treatments for their homes are extensive, which can make outfitting home interiors challenging for novice decorators.

Some people do not pay a lot of attention to window treatments, failing to realize just how great an impact the right window treatments can have on a space. According to the design experts at Hunter Douglas, window treatments are often an afterthought because residents may not consider them necessities. As a result, homeowners may install whatever is on hand or accept window treatments that came with a house or apartment. But ignoring window treatments, especially when they can fulfill certain needs, is a missed design opportunity.

One of the first steps to choosing window treatments is determining your end goal. Is privacy your main goal? Are you seeking more natural light in a room? Is there too much light and you need to darken the room? Window treatments can serve multiple functions, and some treatments may make better fits depending on homeowners’ ultimate goals.

**Semi-sheer window treatments**

Semi-sheer window treatments are often fabric and can help brighten rooms with natural light but offer little privacy. They’re usually appropriate for spaces where people gather, such as living rooms, dens or dining rooms. Semi-sheer curtains may be paired with another complementary window treatment so privacy can be customized as needed. For example, sheer curtains let light into a bedroom, but shades can be drawn at night.

**Maximum privacy**

Bedrooms, workspaces or bathrooms can benefit from extra privacy. While some people may think that privacy comes at the cost of light, that’s not always the case.

Functional curtain panels can be drawn closed when privacy is desired and then opened to let in light. The thickness of the fabric will also dictate the amount of privacy the panels create.

Tiers are hung on a short rod-pocket panel and usually cover the lower one-third of a window. They’re popular choices to let light in from the top, but obscure views from the bottom portion of the window.

Cellular shades are another option that provide privacy but still let light in. Cellular shades come in hard and fabric varieties and their use depends on the room. Many cellular shades are constructed with a honeycomb design, offers the design resource Houzz, so they can insulate as well as decorate windows.

**Blackout shades/shutters**

Perfect for rooms where babies nap, shift workers rest during daylight hours or external lights, such as that from a street lamp, need to be blocked out, blackout shades do just what their name implies. A dense fabric lining helps keep light out entirely.

Shutters also can block out light but add to the character of the room. They can be painted a bright color to make a statement or match wall colors to blend in seamlessly.

When selecting window treatments, shoppers can choose retail options or custom treatments. Many designers recommend custom window treatments because they are measured, manufactured and installed specifically for homeowners’ windows. However, there are many DIY options available at budget-friendly retailers.
How color can affect your garden

Flower gardens can add color and awe-inspiring appeal to a property. The National Gardening Association notes that gardeners can find nearly every color of the spectrum in flowering perennials. So whether you prefer soft pink, are partial to bright red or want to relax in a garden and gaze at something deep blue, chances are you’ll find a perennial to tickle your fancy.

The NGA offers the following breakdown of colors to help gardeners learn how their gardens can set the mood they’re looking for.

**Bright colors**
A garden full of bright colors like red, orange, magenta, and yellow can provide a landscape with vigor and energy. The NGA notes that brightly colored flowers can withstand especially bright sunshine, meaning gardeners can marvel at their appearance even when the sun might be adversely affecting other plants and flowers.

**Pastel colors**
Pastels, which include soft pink, powder blue, lavender, and peach, create a tranquil feeling in a garden. This makes pastel perfect for those who want their gardens to be a relaxing, peaceful respite from the hustle and bustle of everyday life. The NGA notes that pastels may looked washed out in the midday sun, so they might be best enjoyed early in the morning or late in the afternoon.

**Complementary colors**
Complementary colors are those that are opposite one another on the color wheel. Orange and blue are examples of complementary colors. According to the NGA, complementary colors can add creative energy and vitality to a garden.

**Harmonious colors**
These colors are those that are next to each other on the color wheel, such as orange and red. The NGA recommends harmonious colors for gardeners looking to create a unifying feel in their gardens without resorting to a monochromatic color scheme. Harmonious colors give off a gentle feeling that can make for a relaxing garden atmosphere.

**Monochromatic colors**
Monochromatic gardens can be awe-inspiring even though they stick to a single color and don’t provide an array of awe-inspiring colors. The NGA notes that gardeners with monochromatic gardens make them interesting by using plants of various sizes and shapes.

When planting a garden, gardeners can choose whichever color scheme they prefer. To learn more about the effects of color on a garden, visit the National Gardening Association website at www.garden.org.
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