DESIGN GUIDE



Quality isn't just a Catchphrase It's Our Heritage

With over 40 years of excellence in crafting fine window furnishings, Norman®'s quality has made it famous. It's what drives Norman® to innovate. And why you can see it in every detail. Few companies will farm their own wood, make their own components, or weave their own cords. At Norman®, everything matters. And anything is possible.

Norman® strives to exceed the highest industry standards. That's why Norman® is focused on leading the industry in quality, service, selection and value. From patented performance and safety enhancing components, to award-winning product designs, to socially responsible processes in manufacturing and forestry, Norman® has a history of defining the future.



SAFETY FIRST

At Norman®, product safety is the cornerstone of everything we build. As an active participant in the WCMA "Best for Kids" certification program, all Norman® window treatment designs with the "Best for Kids" designation have been rigorously tested. Moreover, all Norman® products are free from lead and soluble heavy metals such as cadmium and arsenic. They also meet or exceed international standards for off-gassing of harmful chemicals.

































TOP 10 REASONS WHY...

REINFORCED ENGINEERED STILES

Multiple layers of wood are bonded together. The proprietary process strengthens the stile core while providing a lifetime of durability and stability.

RECESSED MAGNETS

Recessed magnets are embedded into each stile to eliminate the gap between the shutter panel and shutter frame, and to create a clean look from any angle.

SUPERIOR FINISHING

Includes multiple hand sanding and finishing sequences for a richer and lustrous finish. In Woodlore®, the polypropylene coating is medical grade for safety and resists fading, chipping and peeling while it performs well under UV exposure.

MORTISE AND TENON JOINERY

Found in heirloom furniture, our mortise and tenon joints will help your shutters withstand decades of shear stress and racking forces.

INVISIBLETILT™

Tilts louvers like magic with no tilt rod at all. The gear driven system is built into each stile, and tilts louvers flawlessly with precision tight control.

PRESCRIPTION WOOD CONDITIONING®

The wood shutter's moisture level is customized to its final destination. The unique drying process helps reduce post-installation shrinking and swelling.

QUARTER SAWN WOOD LOUVERS

Not the cheap flat-sawn louvers seen in regular wood shutters, quarter sawn louvers have a tighter grain — for more resistance to cupping, twisting and warping.

DECORATIVE ACCESSORIES

Decorative accessories to meet every need, including panel pulls, panel locks and hinges in various finishes.

ENVIRONMENTALLY FRIENDLY

We use the highest grade ecoconscious composite wood, along with sustainably sourced timber. From our forests to your windows.

LIFETIME WARRANTY*

Dependable and high quality, Norman® window furnishings are covered by a comprehensive warranty for extra peace of mind.

*See official lifetime warranty policy for details

NORMAN® IS THE GOLD STANDARD IN SHUTTERS.





PerfectTilt[™] Shutter THE GOLD STANDARD IN MOTORIZATION

Put the power to command a house full of shutters in the palm of your hands. The PerfectTilt™ App tracks battery power, and when paired with the hub option, it enables control through iPhone or iPad. The ultimate in seamless and effortless control, PerfectTilt™ includes an auto switch feature that changes tilt methods automatically. Go from iPhone/ iPad tilt to manual hand tilt to tilt with the premium-metal remote control featuring dial adjustment. There is no need to flip any extra switches or to take any extra steps. Plus, the optional repeater increases signal range for reliable control in large buildings.

Enjoy breathtaking shutter automation with the backlit remote that's magnet mountable. Control a single shutter, a room of shutters, or every shutter in your house – exactly how you want it. PerfectTilt™'s module units are water resistant and are powered by 18650 Lithium-ion batteries, which can last up to a full year on a single charge via USB connector. Each shutter also includes a solar panel to extend battery life, sometimes for years on a single charge when installed in exceptionally sunny locations – for the ultimate in energy efficiency. Plus, get extra child and pet safety with the built-in sensor that stops louver rotation when needed.

The technologies in PerfectTilt™'s module unit, remote control and docking device are covered by one or more patents pending. Go to NORMANUSA.COM for detailed listing of patents by product line.













HOME AUTOMATION WITH FLAIR!

- iPhone and iPad control with hub (optional)
- Quick response to tilt commands
- 5 pre-programmed louver positions and one custom position with remote. Up to 30 custom louver positions with app
- Louvers can be tilted by hand, remote or app (via hub) without neither the need for flipping switches nor the risk of damage because of incorrect switch settings

- Two long-lasting rechargeable 18650
 Lithium-ion batteries per module unit last up to 1 year on a single charge via USB port
- High efficiency solar panel included for extending battery charge
- Water resistant module units
- · Built-in jam protection for child and pet safety

PerfectTilt™ Motorization









WOODLORE®

- World's best-selling shutter
- Eco friendly wood composite shutter with patented coating, using medical polypropylene for extra safety and durability
- Environmentally safe and exceeds the most stringent international safety standards. VOC-safe and CARB compliant for off-gassing
- Unbeatable value our most affordable program

BRIGHTWOOD™

- Hybrid design utilizes Woodlore®'s EcoSmart composite wood frame and Normandy®'s beautiful premium hardwood panels
- The premium style and extra build options of Normandy® shutters - for less
- Extra wide panel for sleek, modern and uncompromising design options
- More customized build, including specialty shapes, premium hardware options, our entire palate of premium paint colors, and more!

WOODLORE® PLUS

- Advanced strength, technologies and options. It's Woodlore® but more
- ABS louvers built with aircraft inspired construction for maximum strength
- Made with high-grade ABS found in auto exteriors and home appliances
- Woodlore® composite engineered wood frames, stiles and rails
- More colors and tougher construction
- Special waterproof option features full ABS construction and stainless steel hinges

NORMANDY®

- Our flagship wood shutter; the finest wood shutter period.
- 100% premium hardwood shutter made from luxuriously grained and durable Paulownia hardwood
- Sustainably sourced from reforesting timber plantations
- 48 rich paint and stain colors
- Wider panel options to create more open views
- Excellent weight and strength ratio wood and naturally elegant









Bi-fold 180[™] featuring AutoTilt[™]







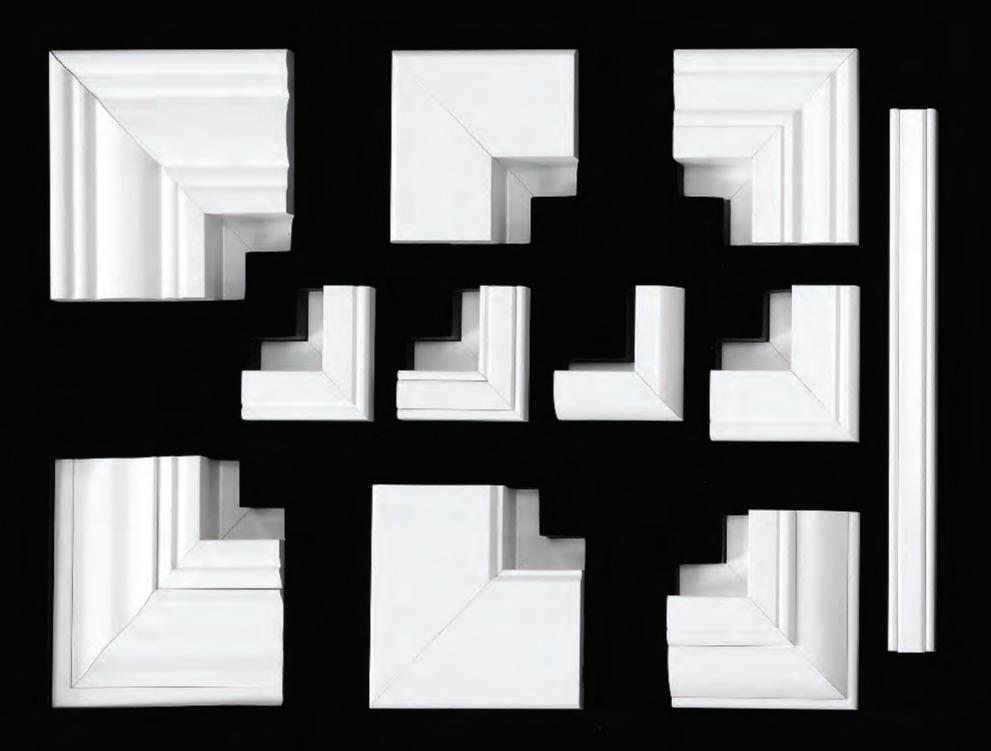
It's the traditional bi-fold shutter you know, but totally improved. The panels in Bi-fold 180[™] stack tightly against each other for a space-saving solution that also provides a more streamlined look, and adjusts without the need for a tilt rod. Plus, the AutoTilt[™] option tilts louvers closed automatically when panels are stacked to the side, a refinement offering even simpler and more convenient daily operation.

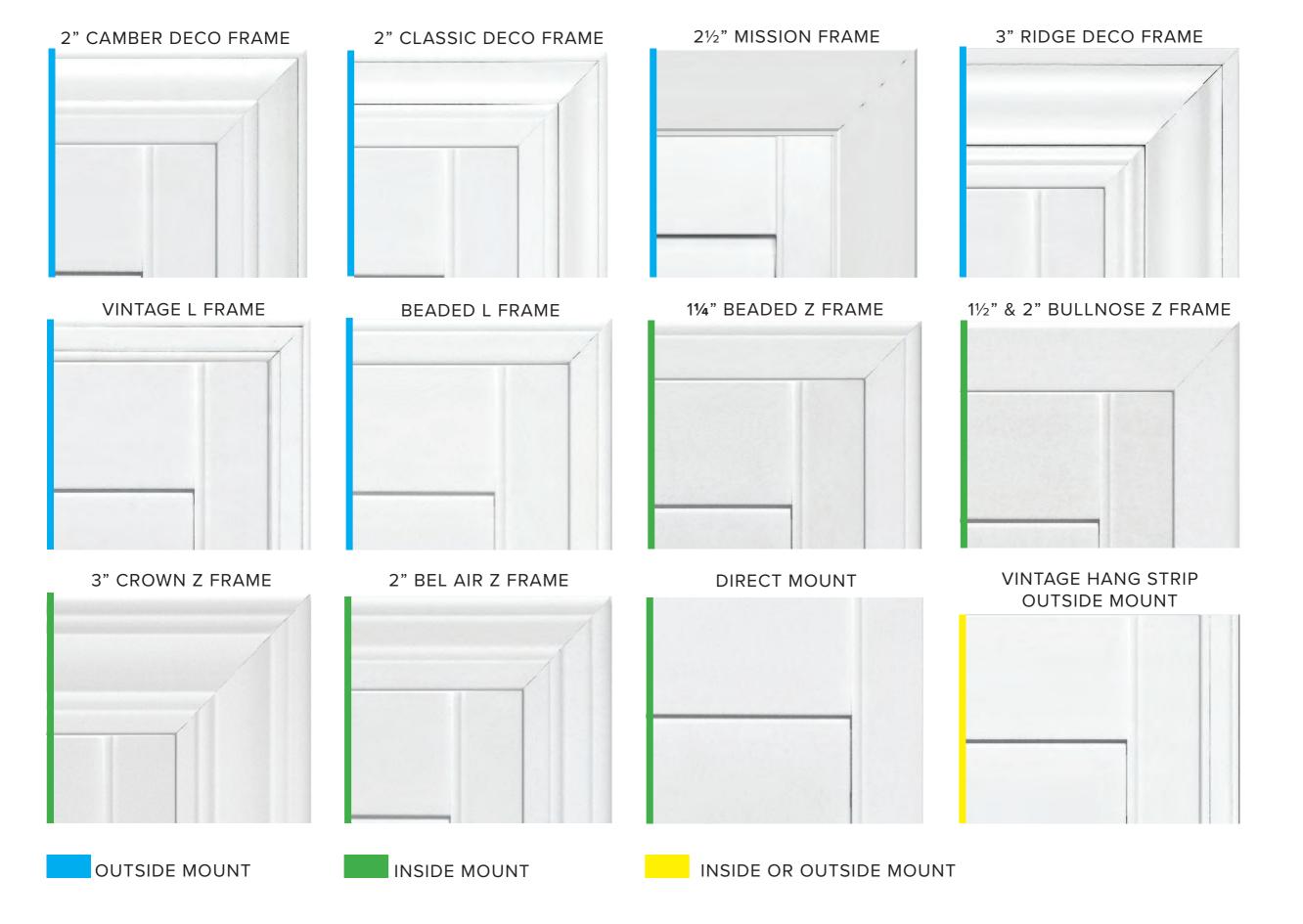






From modern with a touch of traditional, to traditional with a touch of modern, we make frames for all window types and décors







2" CAMBER DECO FRAME

The 2" Camber Deco Frame offers a refreshing update to the Classic Deco Frame and comes with traditional bead details and a more streamlined design. The Deco series is for outside mount applications and creates the look of a custom cased window. On drywall, it beautifies the window opening by covering up its imperfections

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim



2" CLASSIC DECO FRAME

The 2" Classic Deco Frame offers a dashing and traditional look great for matching medium moldings and a more formal look. The Deco series is for outside mount applications and creates the look of a custom cased window. On drywall, it beautifies the window opening by covering up its imperfections

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim





2 1/2" MISSION DECO FRAME

A bold and invigorating take on a classic, the 2 ½" Mission Deco Frame is ready to complement contemporary décors. The Deco series is for outside mount applications and creates the look of a custom cased window. On drywall, it beautifies the window opening by covering up its imperfections

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim



3" RIDGE DECO FRAME

The 3" Ridge Deco Frame offers a bold and traditional look great for matching heavier moldings and a more formal look. The Deco series is for outside mount applications and creates the look of a custom cased window. On drywall, it beautifies the window opening by covering up its imperfections

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim





VINTAGE L FRAME

Presented here with vintage beaded details, the L frame is the frame type that started it all. L frames are for outside mount applications and give you that clean and traditional look, which has made itself a classic

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim





BEADED L FRAME

Presented here with classic and dashing bead details, the L frame is the frame type that started it all. The L frame is for outside mount applications and give you that clean and traditional look, which has made itself a classic

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim





3" CROWN Z FRAME

The 3" Crown Z Frame offers a bold and traditional look great for matching heavier moldings and a more formal look. Z frames are for inside mount applications and create a big shutter presence with a smaller footprint on your window opening, while giving your window the look of an upgraded casing

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim





2" BEL AIR Z FRAME

The 2" Bel Air Z Frame offers a dashing and traditional look great for matching medium moldings and a more formal look. Z frames are for inside mount applications and create a big shutter presence with a smaller footprint on your window opening, while giving your window the look of an upgraded casing

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim





11/2" & 2" BULLNOSE Z FRAME

The $1\frac{1}{2}$ & 2" Bullnose Z Frame offers a modern look with clean and contemporary lines in a sleek profile. Z Frames are for inside mount applications and give you a big shutter presence on a smaller footprint on your window opening, while giving your window the look of an upgraded casing

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim
- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim





11/4" BEADED Z FRAME

The 1¼" Beaded Z Frame offers a smart and modern look in a compact and understated profile. Z Frames are for inside mount applications and give you a big shutter presence on a smaller footprint on your window opening, while giving your window the look of an upgraded casing

- ✓ Dry Wall With Trim
- √ Wood Jamb Without Trim
- √ Wood Jamb With Trim





HANG STRIP

The hang strip is ultra compact and is a great option for giving you the look of having no frame when ordered as Inside Mount with the Hang Strip behind the panel. This gives a sleek look and adds no framing outside the window opening, leaving the footprint completely inside the window. It is also ideal for outside mount applications where the available mounting surface is very narrow, in which case the Hang Strip will be mounted beside the panel (see image above).

- ✓ Dry Wall With Trim
- ✓ Dry Wall Without Trim

- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim





DIRECT MOUNT

Shutters can be ordered with no frame at all, so that they are mounted directly within the window opening. A great look with pre-existing casing and window jambs. However, the window opening needs to be extremely square

- √ Wood Jamb With Trim
- √ Wood Jamb Without Trim



MISSION







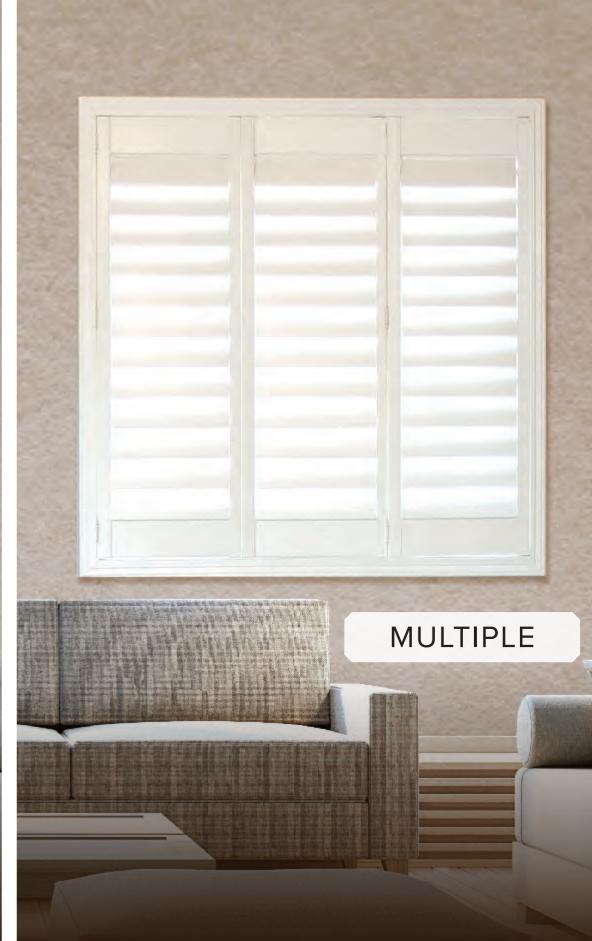












Larger louvers
create panels
with fewer
louvers and
wider views







Standard Tilt



Offset Tilt



Standard Tilt with Divider Rail



InvisibleTilt[™] with Split Tilt



PerfectTilt™ Shutter Motorization HOME AUTOMATION WITH FLAIR!

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My Home 3 All Rooms Best Privacy **Best View** Living room Kitchen al a 0

Enjoy breathtaking shutter automation with the backlit remote that's magnet mountable. Control a single shutter, a room of shutters, or every shutter in your house - exactly how you want

it. PerfectTilt"'s module units are water resistant and are powered by 18650 Lithium-ion batteries, which can last up to a full year on a single charge via USB connector. Each shutter also includes a solar panel to extend battery life, sometimes for years on a single charge when installed in exceptionally sunny locations – for the ultimate in energy efficiency. Plus, get extra child and pet safety with the built-in sensor that stops louver rotation when needed.

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Motorization

PerfectTilt"

SMARTDIAL™ REMOTE



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PERFECTTILT SHUTTER MOTORIZATION

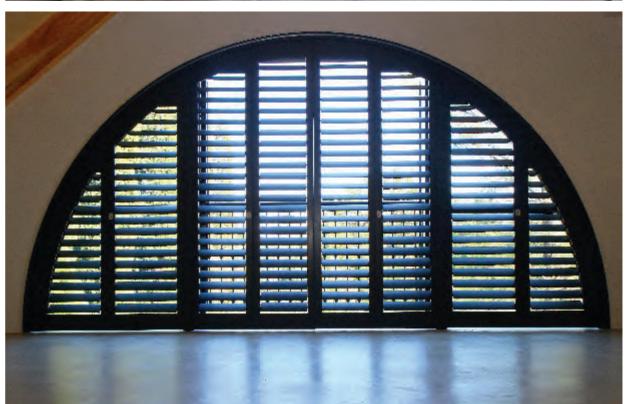
























French Door A

Curved cutout solution for both handles and doorknobs that creates a finished look flush with the frame

French Door D

Square cutout for both handles and doorknobs is offset to accommodate the door handle, base plate or lock plate. It is also raised to accommodate the projection of door trim around the glass



French Door B

Curved cutout for both handles and doorknobs is offset to accommodate the door handle, base plate or lock plate. It is also raised to accommodate the projection of door trim around the glass



French Door C

Square cutout solution for both handles and doorknobs that creates a finished look flush with the frame



French Door E

Shutter with 60° angle cutout. The cutout is with batten on the back of the panel



French Door F

Shutter with rectangular cutout, and includes batten on the back of the panel







DECORATIVE HARDWARE







