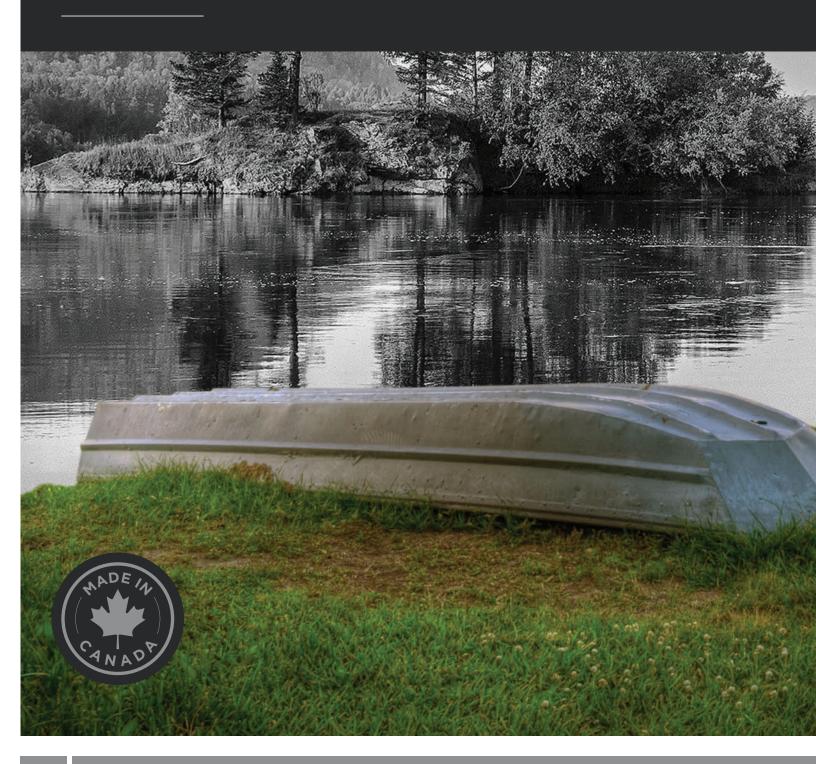




# BRING HOME THE MASTERGRAIN

# **DIFFERENCE**





## Our Tech is our story.

Mastergrain technology is the heart and soul of our company. We're the proud creators and owners of NVD technology\* - that's the unique, highly specialized process behind every one of our beautiful fiberglass doors.

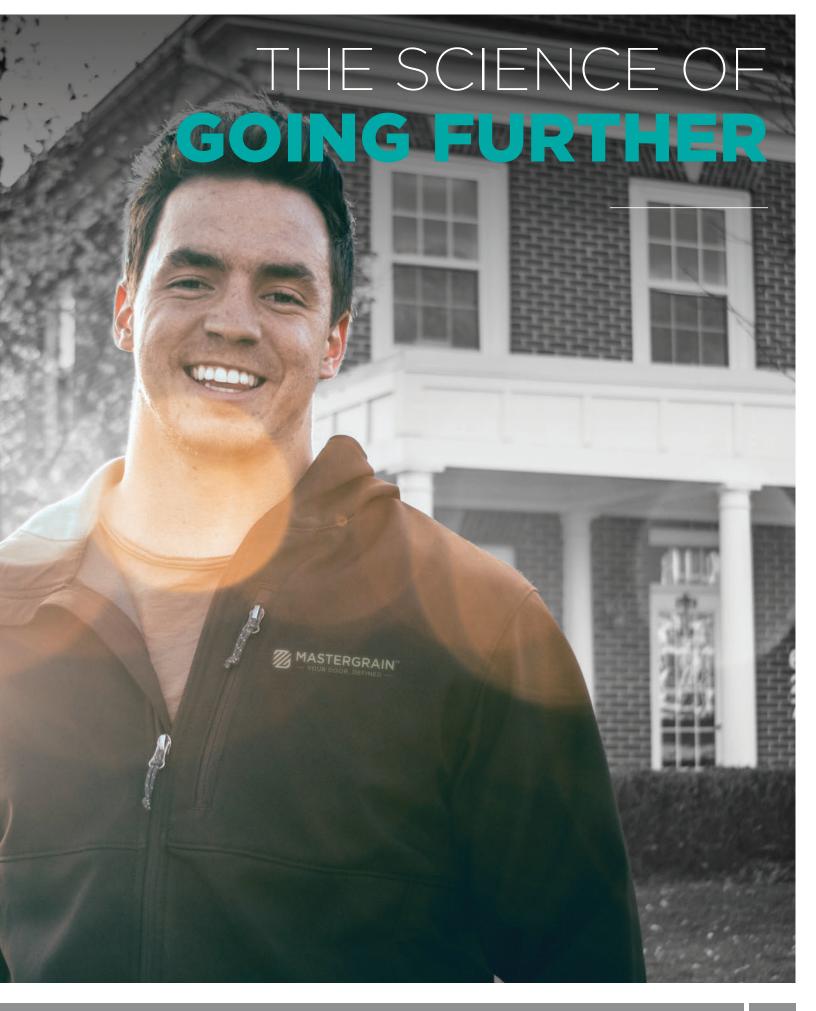
The front door is the threshold to your home: a place of warm welcomes and goodbyes. Whether you need a touchable and authentic wood grain or a luxe and minimalist smooth finish, Mastergrain is a door that projects your most stylish self.

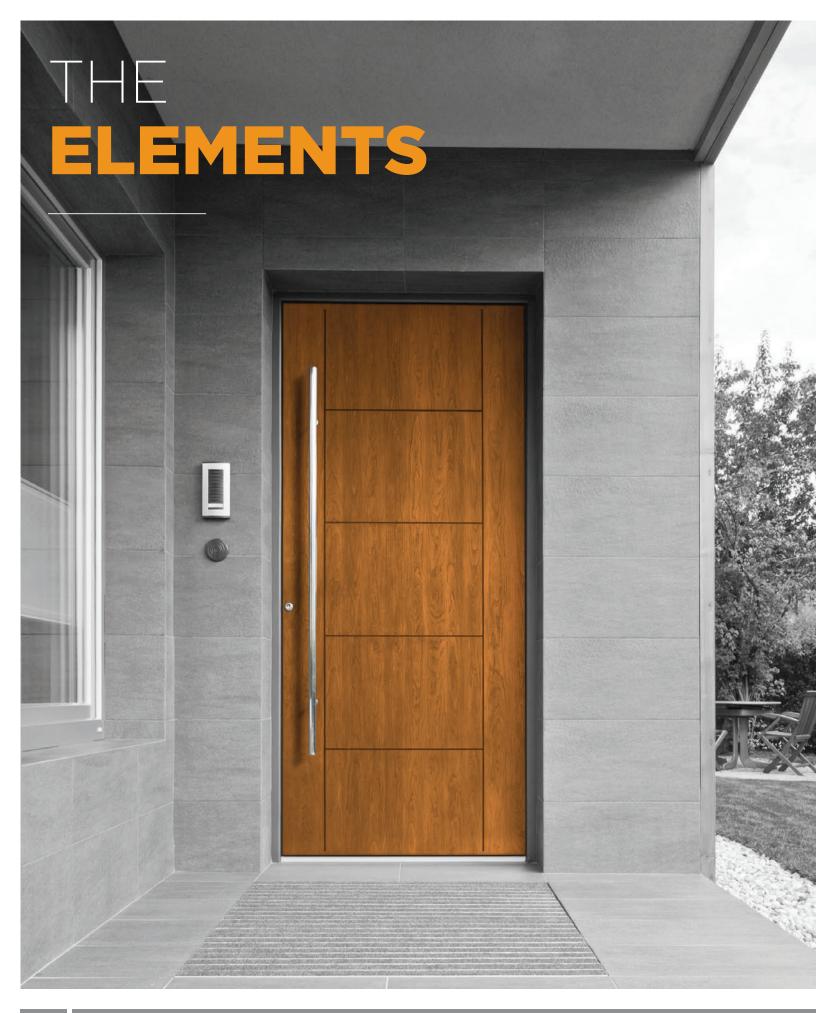
Substance matters too of course, so all our stainable components are clad in fiberglass, match perfectly and have twice the screw-holding power of other materials (or inferior fiberglass!) because of our rigid poly-fiber formula (which, by the way, happens to be unique).

True fact: our door making process begins with the careful construction of a real wood door, whose unique fine grain detail is then, via the wonders of NVD, meticulously transferred onto fiberglass panels.

\*That's Nickel Vapor Deposition if you're curious.





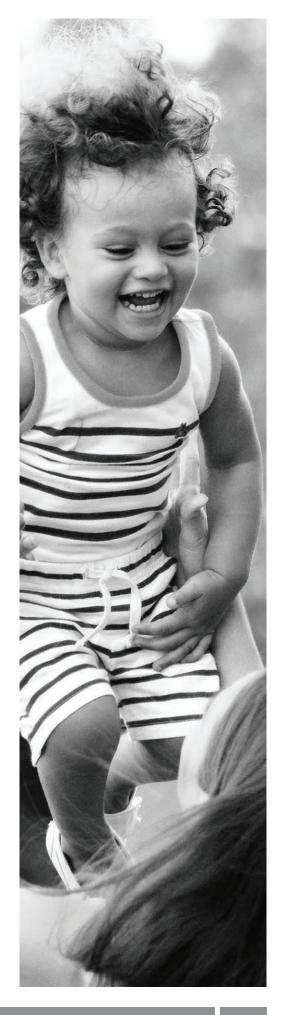


Building new? Building on? Enhancing? Mastergrain has beautifully engineered all your options.

It's all about the door? Yes and no! Because choosing your perfect door means deciding on your frame, glass, mullion post, astragal and grille bars too. We're the only maker to offer a full line of entryway components that use our proprietary NVD technology to match perfectly...even when you bring your own paint or stain colour for us to colour match. We've pushed the bar higher than ever before: your door frame and all the elements - including cladding! - will match the grain and wood species you choose. You need never settle for 'similar' wood grains when you buy Mastergrain.

Door systems have many components but our production finesse means the end product will hang together wonderfully.

(Get it? 'Hang' 'together'? Just a little door-aficionado humour.)





# Inner Strength is one of our qualities.

A pair of beefy 4.25" stiles runs down both sides of every Mastergrain door. Our stiles are made of laminated strand lumber: one of the strongest, straightest and most stable engineered wood fiber products available.

Beautiful, finely defined wood grain: that's another of 'our things' here at Mastergrain. We are the creators of the NVD technology that allows perfect replication of a real wood grain, and for this to be consistently executed on all the elements of your door system.

Energy loss and sound leakage: bad. Efficiency and noise abatement: good. So all Mastergrain doors are insulated with high density, CFC-free polyurethane foam. (Between 2.2-2.5 lb of it to be exact).

And let's talk about the weather. You want it outside not in, yes? Using NVD technology – there it is again! – we create matching fiberglass frames for our glass insert. Fiberglass is more rigid than plastic so welded or stapled corners aren't needed. The result is a tight weather seal as well as a door with integrity that doesn't lose its shape.



#### CONTEMPORARY

Plugged or Plugless. Low Profile White Smooth Edge.



#### **TRADITIONAL**

Plugged or Plugless. Oak, Alder, Cherry, and Mahogany.



#### **CRAFTSMAN FIR**

Plugged or Plugless. Flush Fit, with optional integrated dentil shelf.

# BEAUTIFUL ON THE INSIDE TOO





Patented plugless frame clip assembly.



Fiberglass clad door jambs. Vinyl clad composite jambs for smooth edged doors.



Fiberglass SDL's come pre-taped and notched to create a beautiful lap-joint.



Fiberglass clad mull post and lineal cap.



One piece fiberglass lite frames have no welded corners.



Pair of beefy 4.25" stiles run down both sides of door.



Mastergrain is owned by the Zynic Corporation, which makes tools for, among other things, automotive and aerospace (industries not known for their tolerance of the inexact).

When you match a passion for doors with the machining capacity for utter precision, replicability and durability, the results are industry-leading.



#### **CLADDED ASTRAGAL**

Matching fiberglass cladding with aluminum reinforcement.



#### **VINYL CLADDED JAMB**

Smooth edge vinyl composite jamb with a variety of brickmold options.



**JAMB** 

Fiberglass cladding with a composite core.



#### **BRICKMOLDS**

Fiberglass cladding with a composite core.



#### **MULL POST**

Composite trim. Fiberglass cladding with a composite core and aluminum reinforcement.





# Wood's good but fiberglass is stronger.

...so why not combine the qualities of both? When it comes to building or renovating the entrance to your home, durability matters. Twisting, warping and rotting are wood qualities we didn't want and our fiberglass won't do that. Extreme weather is getting more common: that was what we were thinking when we decided to impact-proof all our doors to withstand 100mph winds\*.

\* That's a hurricane.



We left no stone unturned when it came time to find a supplier for our door hardware and locking systems. We did our homework so you don't have to!

When you're dressing for a special event you turn to accessories to feel your sleekest and most polished; our doors can carry off the look day in, day out. Levers, hinges, grips and pull bars come in a superwide selection.

Multi-point locking systems are the smartest way to protect your home and family. Ours are precise, highly engineered 3-point locks.

#### **LEVER HANDLES**

Our wide selection of poll bars, gripset and levers have been crafted using only the absolute crème de la crème of materials, with utmost attention to each detail.



Venice



Allegro



Torino



Roma

#### **Finishes**









#### **GRIP SET HANDLES**





**Finishes** 











**PULL BAR LOCK PROGRAM** 



#### **Finishes**













Oil Rubbed Bronze

Flat Black

#### **LEVERS**

Style and finish are entirely up to you and we have choice galore. Combine with the back plate you like, for a combo that just might be uniquely yours!







#### **MULTI POINT LOCKS**

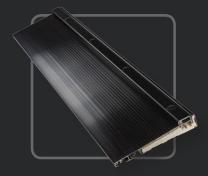
These cool locking systems include a spring-assist function which returns the lever back to its neutral position. Never struggle to unlock your door again.

### Can we talk sills?

OK maybe it's not the first thing on your mind when you think about doors...but luckily for you we at Mastergrain are pretty passionate about them. We make sure our technology is the latest and greatest, for adjustable sills - made from non-rot composite substrate - that create a solid air and water barrier at the foot of our door systems.

If your house settles and the seal is compromised, the sill cap can be adjusted to fill any gaps. That's meaningful, long term protection for your beautiful new door system.

Water, snow, salt, wind and driving rain all belong outside and seasonally appropriate warmth, cool, and air comfort belong inside. Nothing can penetrate a Mastergrain door from either side, thanks in large part to our magnificent sills.



## ADJUSTABLE IN SWING ONE PIECE SILL

Non-rot composite substrate.
Thermally broken, anodized
aluminum sill. 1 3/4" low profile cap
creates a natural overhang, forcing
water away from your home. Modular
sill channel allows for easy service
cap replacement (if needed). All
our Sills are NAFS tested. Outswing
bumper option also available.
Choose from Black or Nickel.

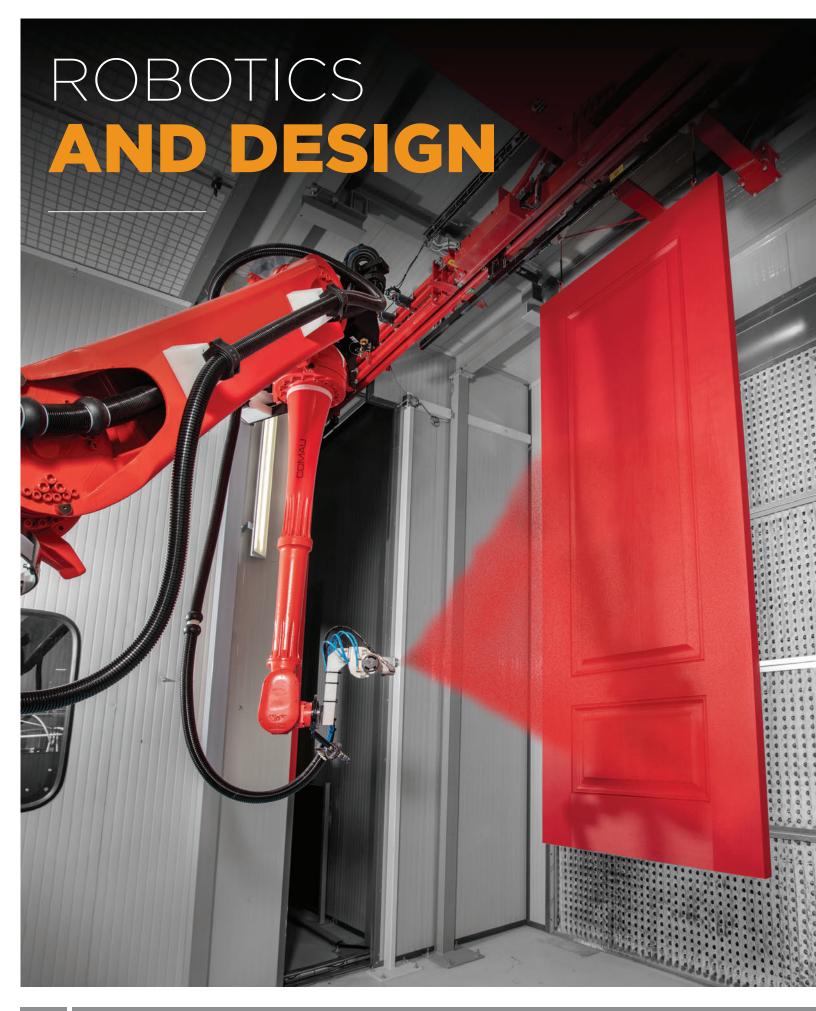


#### IN SWING BUMPER SILL

Non-rot composite substrate. Single piece, self-draining, thermally broken sill. No sweep required. Available in Black with deck and cap included.







# Coatings with qualities.

Our paints and stains are specially formulated to work optimally with our products. To ensure they do, we've tested them for 4,000 hours on our doors and frames. (Because chipping and fading are for other door companies to worry about.)

Even the way we apply the paint or stain is different: we heat our door or component in a special tunnel to bring it up to the perfect temperature for a maximally smooth, clean and long lasting paint or stain adhesion. We call it 'flaming'; you'll call it super smooth and beautifully resilient.

We're confident enough about all this to offer you a 10-year warranty on all our paints and stains.

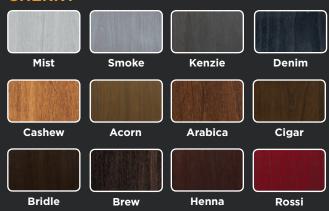
True fact: our paint is applied by a state of the art Italian robot. His name is Giorgio.



When it comes to your entryway, pride of home ownership and peace of mind really matter. When you need looks, durability and security, come to the people who not only make doors and doorway elements, but also components for the auto and aerospace industries – and have built the machinery to serve these exacting industries.

It's our passion for precision that led us to create and finesse NVD technology for an amazingly lifelike, beautiful and matchable wood grain finish.

#### **CHERRY**



#### OAK



#### **MAHOGANY**



#### **FIR**



#### **KNOTTY ALDER**



\*Actual colours may differ slightly due to the printing process.







# Hue choose...

Pick one of these beautiful paint or stain colours, or feel free to bring us a colour you love, for us to perfectly match.



\*Actual colours may differ slightly due to the printing process.



## At Mastergrain we care a lot about our doors. Thanks for reading about us.

8550 Keele Street Concord, Ontario L4K 2N2 705.527.2983



#### LIMITED LIFETIME WARRANTY.

Visit www.mastergrain.com for details.

#### Our proud partners:

www.phtech.ca
www.aquasurtech-oem.com
www.rwcoomber1998.com
www.ferco.ca
www.emtek.com
www.finishworks.com





Mastergrain reserves the right to make changes to product design, finishes and technology.

Doors depicted in this brochure may not be exactly as shown.