NEW 20 FT. SYNTHETIC PRODUCTS

RISE™ SIDING
AND
RISE™ TRIM

Built to weather the harshest conditions.
RISE Siding & Trim are manufactured using a new technology – RISE™ Technology – that produces strong, synthetic, wood replacement products that are aesthetically pleasing, and built for the rigors of the construction site, and the impact of all types of weather conditions.

RISE Siding & Trim are designed to compete as a mid-point between PVC, cement and pre-finished wood.

RISE Siding & Trim have the durability of plastics with the workability and feel of wood.
## RISE Siding Available Sizes in Smooth and Wood Grain

<table>
<thead>
<tr>
<th>RISE SIDING</th>
<th>Available Sizes (Smooth and Wood Grain)</th>
</tr>
</thead>
<tbody>
<tr>
<td>THICKNESS</td>
<td>WIDTH</td>
</tr>
<tr>
<td>Actual</td>
<td>Actual</td>
</tr>
<tr>
<td>3/8”</td>
<td>5.25”</td>
</tr>
<tr>
<td>3/8”</td>
<td>8.25”</td>
</tr>
</tbody>
</table>

## RISE Siding Colors

- Porcelain White
- **2824 Golden Oak**
- **6178 Highland Sage**
- **7678 Canvas Cream**
- **7018 Dove Grey**
- **7051 Smoke Grey**
- **9150 Storm Blue**
- **9097 Harvest Brown**
# PRODUCTS - TRIM

## RISE Trim Available Sizes in Smooth and Wood Grain

**RISE TRIM**  
Available Sizes (Smooth and Wood Grain)  
Nominal Size  

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>1&quot; x 4&quot;</td>
<td>5/4&quot; x 4&quot;</td>
<td>20'</td>
</tr>
<tr>
<td>1&quot; x 6&quot;</td>
<td>5/4&quot; x 6&quot;</td>
<td>20'</td>
</tr>
<tr>
<td>1&quot; x 8&quot;</td>
<td>5/4&quot; x 8&quot;</td>
<td>20'</td>
</tr>
<tr>
<td>1&quot; x 10&quot;</td>
<td>5/4&quot; x 10&quot;</td>
<td>20'</td>
</tr>
<tr>
<td>1&quot; x 12&quot;</td>
<td>5/4&quot; x 12&quot;</td>
<td>20'</td>
</tr>
</tbody>
</table>

## RISE Trim Color

Porcelain White
RISE Building Products unique value makes it the perfect, affordable, high-performance product for all types of homes.

- Strong, dense and impact resistant.
- Low expansion and contraction rates.
- Performs in high-moisture environments.
- Performs in hot and cold environments.
- Resistant to freeze/thaw issues
- Decay resistant – Good for ground contact.
- Looks, feels and works just like real wood.
- 20’ lengths = less butt joints.
RAW MATERIALS

RECYCLED CARPET

Fibers

• Polyester
• Nylon
RAW MATERIALS

POLYMER COMPONENTS:

• Polymeric Films
RAW MATERIALS

BLENDED MIXTURE
RAW MATERIALS

- SHORT SYNTHETIC FIBERS
  - Clean, Smooth Surface

- PROTECTIVE BARRIER
  (TOP AND BOTTOM)

- PROTECTIVE BARRIER
  (TOP AND BOTTOM)

- LONG SYNTHETIC FIBERS/
  POLYMER CORE
  - Strength
MANUFACTURING PROCESS

RISE COMPOSITE TECHNOLOGIES
Mankato, MN
151,000 sf
MANUFACTURING PROCESS

RISE WAREHOUSE
CARPET STAGING
**MANUFACTURING PROCESS**

**BALE GUILLOTINE**
Cuts the bales down to manageable pieces.

**BALE SHREDDER**
Shreds the guillotined pieces into fibers.
FIBER SIZE GRANULATOR
Cuts the fibers to desired length. Long fibers for the base of the product, short fibers for the top.
MANUFACTURING PROCESS

MAT FORMATTING STATION

FORMED MAT
Mat Forming

Pre-Press and Paper Addition
PRESS
Compresses the mat into 5’ x 40’ sheets
PRESS Closure

PRESS
Closing to ¾”
Thick from 10”
Original Mat
MANUFACTURING PROCESS

SHEET DENSITY QUALITY CONTROL

SHEET SIZING
MANUFACTURING PROCESS

SHEET RIPPING STATION
Cuts sheets into boards.
Installed Product

FINISHING LINE
Installation - Delaware
U.S. Siding Market

Doug Mancosh
Siding Demand

- Siding Channel Revenue in 2020 $10.5 Billion

Rise’s Focus

- Fiber Cement, Wood, Engineered Wood and Polymer Composites are $3.85 Billion
- Fiber Cement and Engineered Wood are the fastest growing segment
U.S. Residential Siding Market Volume

- Residential siding volume in the US reached **67 million Squares** in 2020 which is **6.7 billion SF**
- The growth rate projected through 2023 is **3.9%**
- 25,000 retail outlets sell siding in the United States