

# Roofing Selection Checklist

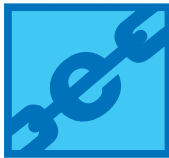
To make a smart choice for your next roof, consider the Five E's of high-performance roofing: **Energy**, **Environment**, **Endurance**, **Economics**, and **Engineering**. The Roofing Selection Checklist includes the key questions to ask in each area and will help you choose a roofing system that meets your performance requirements.



**Energy**



**Environment**



**Endurance**



**Economics**



**Engineering**



Check the box for a “yes” answer. For “no” answers, leave the box unchecked and note any concerns.

## 1. Energy



- Does the roof meet EPA ENERGY STAR® criteria?
- Have potential energy savings of the roofing system been determined, using the EPA ENERGY STAR online calculator?
- Does the roof meet the ASHRAE 90.1 standard, making it eligible for federal tax incentives?
- In California, does the roof meet the requirements of Title 24?
- Does the roof qualify for local energy credits or tax breaks?

## 2. Environment



- Is the roof ENERGY STAR-labeled by the EPA ENERGY STAR Roof Products Program?
- Does the roof contribute toward green building certifications?
- Is a system/material life-cycle analysis available?
- Is the roofing material recyclable?
- Is pre-consumer production scrap generated during manufacturing, recycled?
- Does the roofing manufacturer have a post-consumer recycling program?
- Does the roofing system help to moderate interior temperatures in the summer and winter?
- Does the roofing system help deliver good indoor air quality (IAQ)?

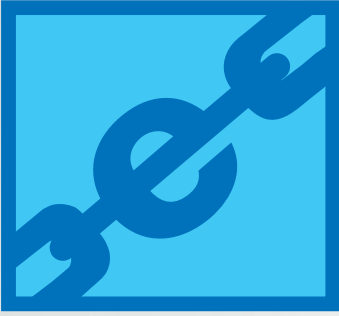
### **Additional Considerations:**

- How many runs to the local landfill will be needed? \_\_\_\_\_
- What are the anticipated costs for disposal? \_\_\_\_\_



Consumers Energy in Marshall, Michigan

### 3. Endurance

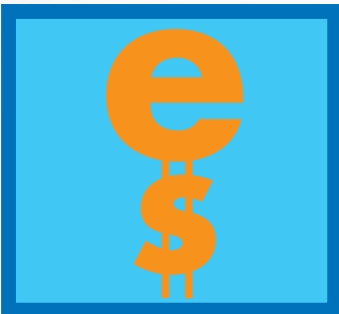


- Does the roofing manufacturer have a good reputation?
  - How many years in business? \_\_\_\_\_
- Does the manufacturer inspect the roof after installation?
- Does the manufacturer have local references for this type of roofing system?
- Does the roofing contractor have a good reputation?
  - How many years in business? \_\_\_\_\_
- Are contractor's employees fully-trained and supervised at the job site?
- Does the manufacturer train and monitor contractors and grade each installation?
- Does the warranty cover the entire roofing system, including installation defects?
- Does the warranty include coverage for ponding water or consequential damages?
- Is there a full warranty when installed over an existing roof?

**Additional Considerations:**

- If this roof type has failed in the past, what have been the primary reasons for system failure? \_\_\_\_\_
- How were failures resolved? \_\_\_\_\_
- How often are routine maintenance and simple repairs required? \_\_\_\_\_

### 4. Economics



- Can the manufacturer or contractor provide a life-cycle cost analysis that indicates the true long-term cost of the roofing system?
- Is this a custom, prefabricated roofing system with cost, performance, and environmental advantages?

**Additional Considerations:**

- What are the estimated maintenance and repair costs per year? \_\_\_\_\_
- Is a roof tear-off required before installation? Yes No
- Does this roofing system require tear-off and disposal at the end of its service life? Yes No

### 5. Engineering



- Is this the best roofing system for my roof deck?
  - ... for my building?
  - ... for this climate?
- Has drainage been adequately designed to ensure water runoff?
- Does the roof meet all local roofing code specs?
- Is the roofing material fire resistant?
- Can the manufacturer provide a wind calculation for me?
- Does the roof membrane have the highest density reinforcement scrim for superior strength performance?

## CORPORATE HEADQUARTERS

**Michigan**  
525 Morley Drive  
Saginaw, MI 48601  
800-248-0280  
Fax: 800-432-9331

## OTHER MANUFACTURING LOCATIONS

**Oregon**  
111 N. Valley Drive  
Grants Pass, OR 97526  
800-356-6646  
Fax: 866-258-2858

**Iowa**  
1409 E. SADC Avenue  
Sigourney, IA 52591  
888-500-3574  
Fax: 888-501-3574

**Mississippi**  
6200 I-55 South  
Jackson, MS 39272  
800-434-3876  
Fax: 866-602-4387



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