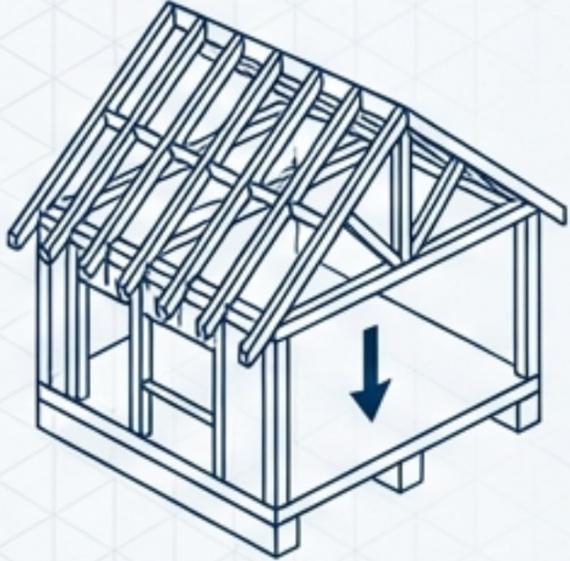




# HOW MUCH DOES A BUNDLE OF ROOFING SHINGLES WEIGH?

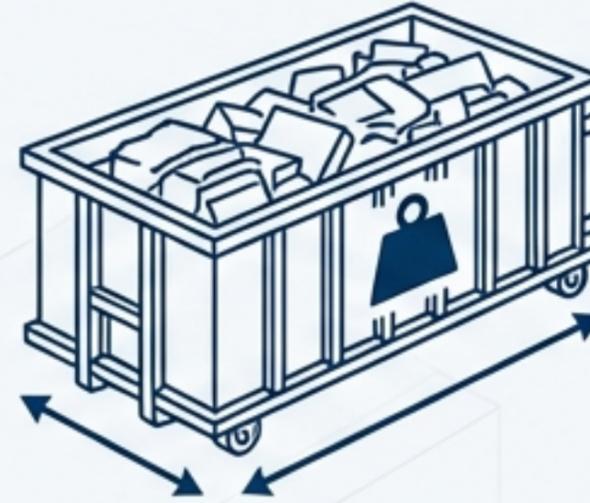
A Guide to Weight, Safety, and Logistics for South Jersey Homeowners

# Why Shingle Weight Matters



## Structural Integrity

Your home's framing must support thousands of pounds of 'Dead Load' plus snow or workers.



## Disposal Logistics

Dumpsters have strict tonnage caps. Exceeding them leads to expensive overage fees.



## Safety Hazards

Handling 70+ lb packs on a sloped roof requires professional training and equipment.



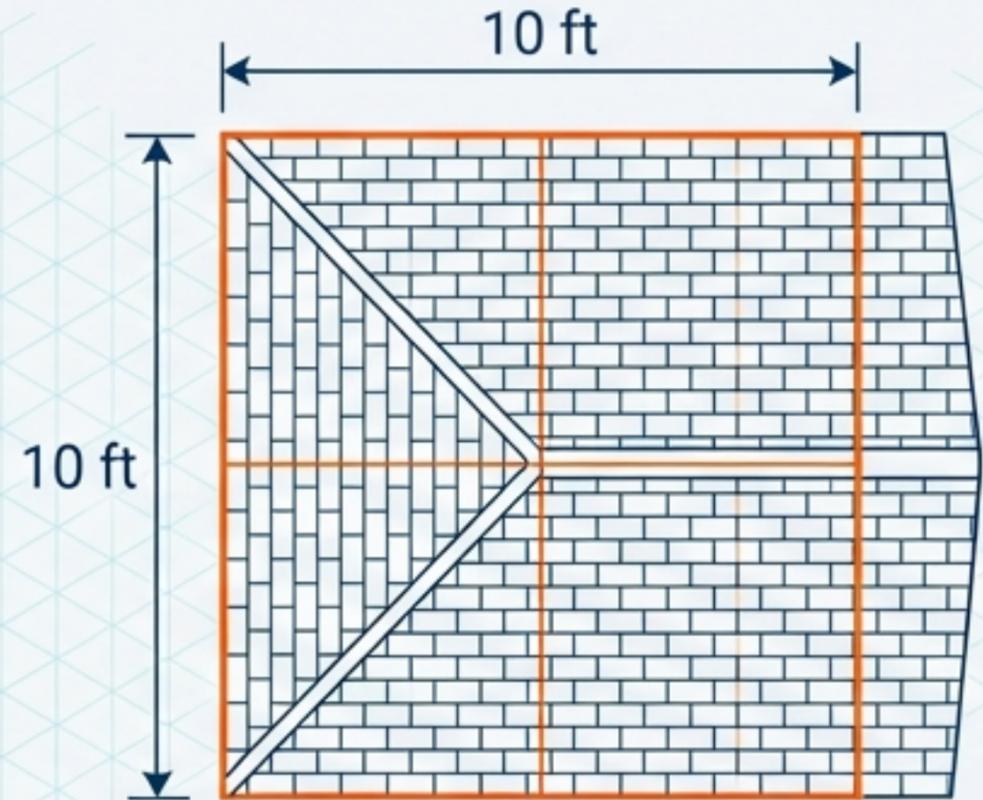
## NJ Code Compliance

Weight limits dictate legal layer limits under New Jersey construction standards.

# Roofing Math 101: Bundle vs. Square



**3 Bundles**  
(approx. 33 sq. ft. each)

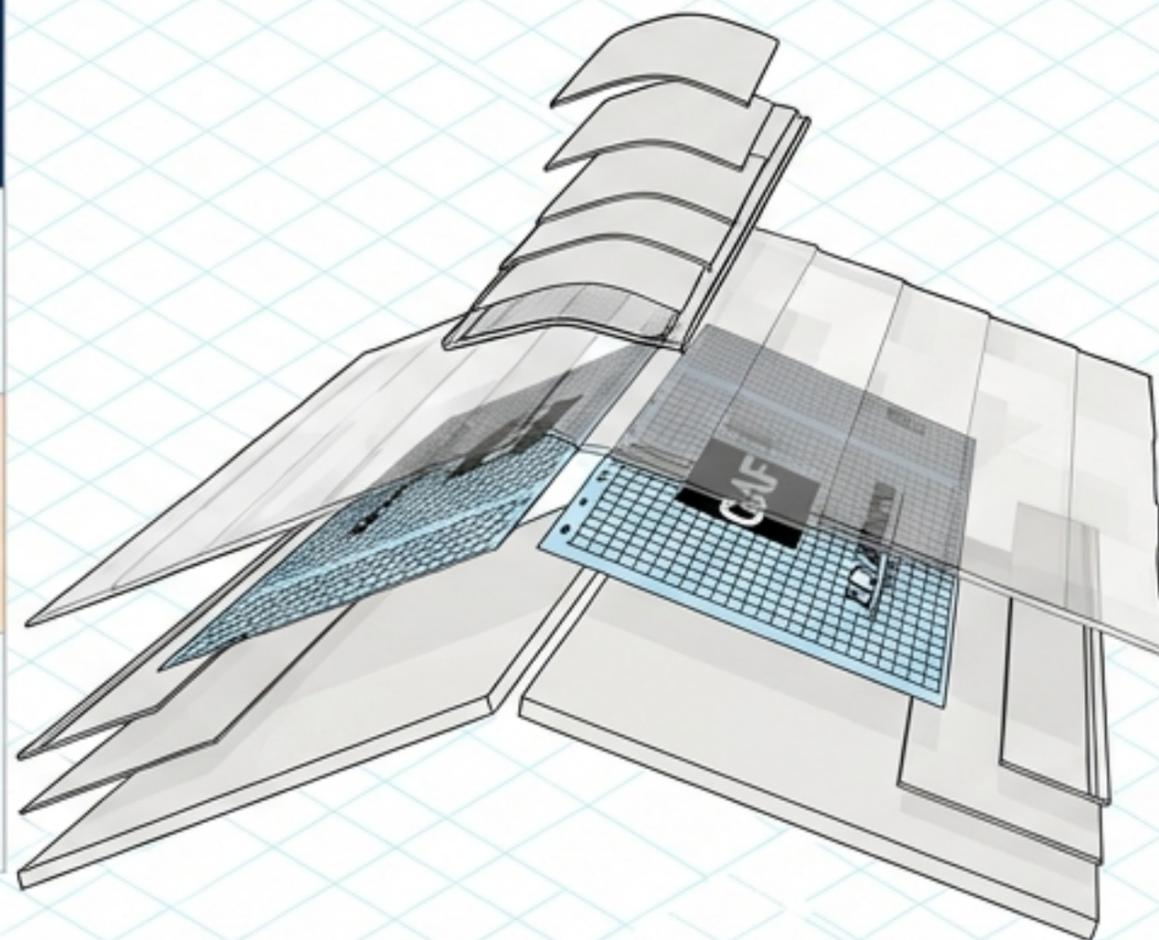


**1 Roofing Square**  
(100 sq. ft.)

- **The Golden Rule:** For most standard asphalt shingles, **3 Bundles = 1 Roofing Square.**
- **Note:** Heavy designer shingles may require 4 bundles per square.

# Average Bundle Weights by Shingle Type

Shingle Type	Weight per Bundle	Notes
3-Tab Asphalt	45–60 lbs / bundle	Lighter, older style.
<b>Architectural (Dimensional)</b>	60–80 lbs / bundle	Standard for modern NJ homes.
Premium / Designer	80–100+ lbs / bundle	Thicker, higher wind rating.



**GAF Timberline HDZ:** ~210 lbs/square (Engineered LayerLock tech)

**CertainTeed Landmark:** ~230 lbs/square (Material density focus)

# The Cumulative Load: A Real-World Example

**Scenario:** Standard 2,000 sq. ft. home (20 Squares).

## The Calculation:

- 1. 20 Squares × 3 Bundles  
= 60 Bundles
- 2. 60 Bundles × ~70 lbs  
= 4,200 lbs
- **Total New Roof Weight: 2.1 Tons**



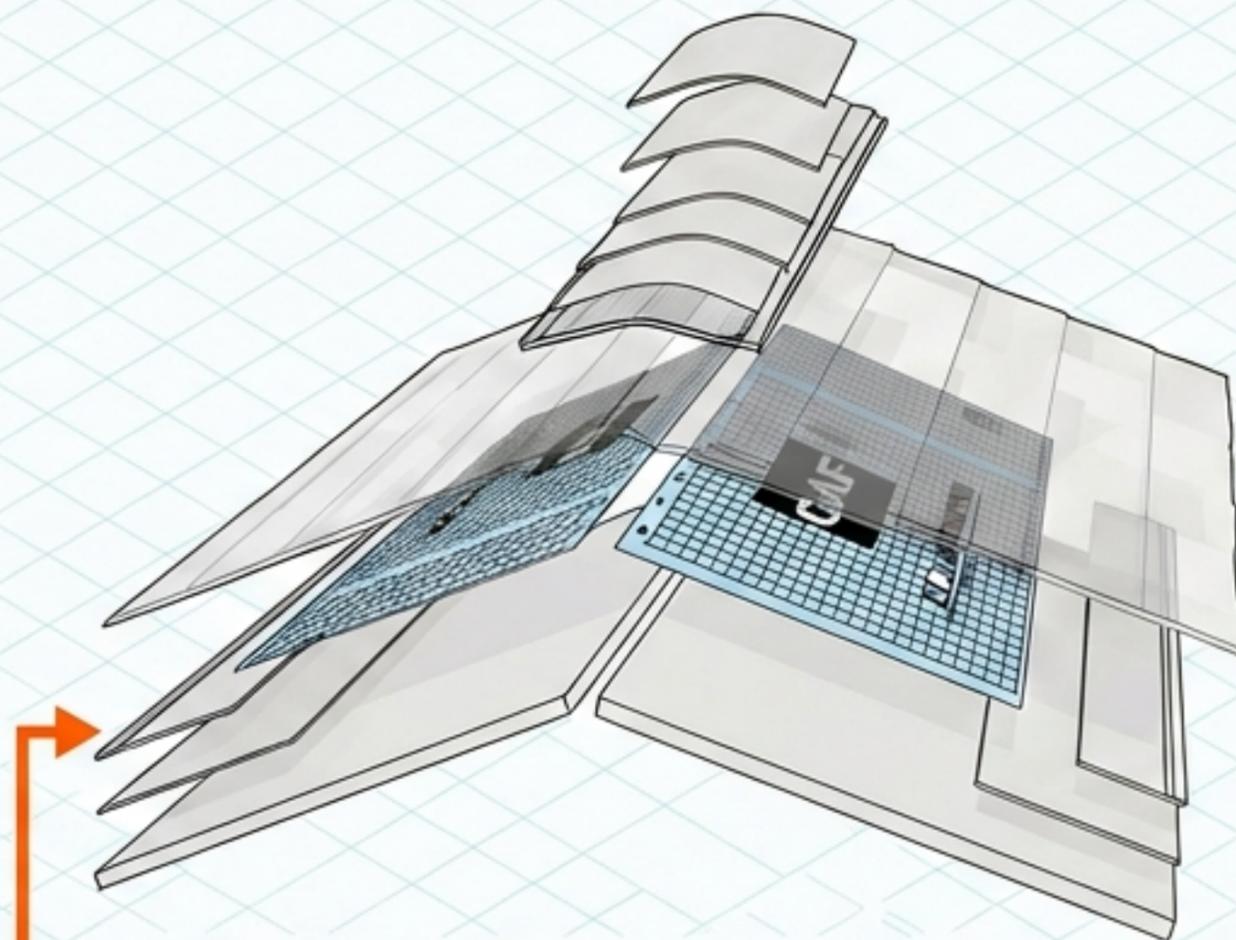
**Equivalent to parking a Ford F-150 on your roof.**

# The 'Tear-Off' Factor: It's Heavier Than You Think

## Hidden Weight Factors:

- **Double Layers:** If removing 2 existing layers, weight jumps to **8,000+ lbs (4 Tons)**.
- **Debris:** Nails, felt paper, and flashings add **~300 lbs** per load.
- **Moisture:** Old organic shingles absorb water, significantly increasing tear-off weight.

**Warning: Never estimate disposal based only on the new material weight.**

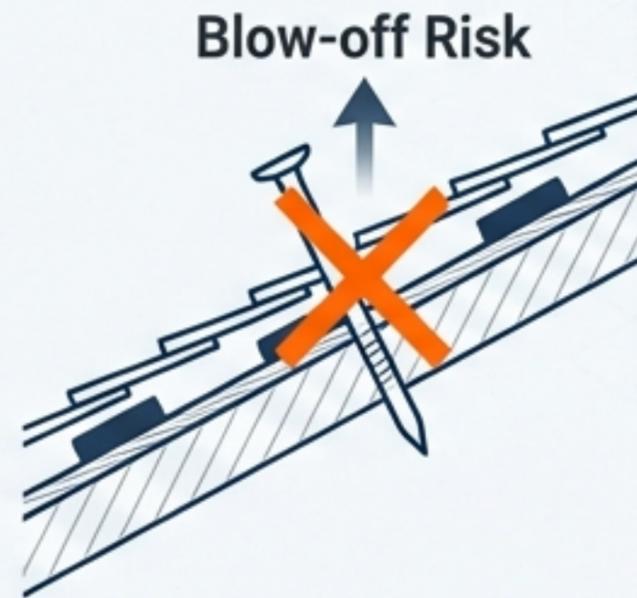


**All these layers must be removed and hauled away.**

# Structural Load & NJ Code Considerations

## The Two-Layer Rule

NJ Uniform Construction Code typically **prohibits** installing a new roof over **two or more existing layers**. Fasteners cannot penetrate securely through multiple layers, leading to blow-offs.



## Dead Load vs. Live Load



**Dead Load:** Constant weight of shingles and decking.



**Live Load:** Temporary weight of snow, ice, and workers (e.g., 20 psf).

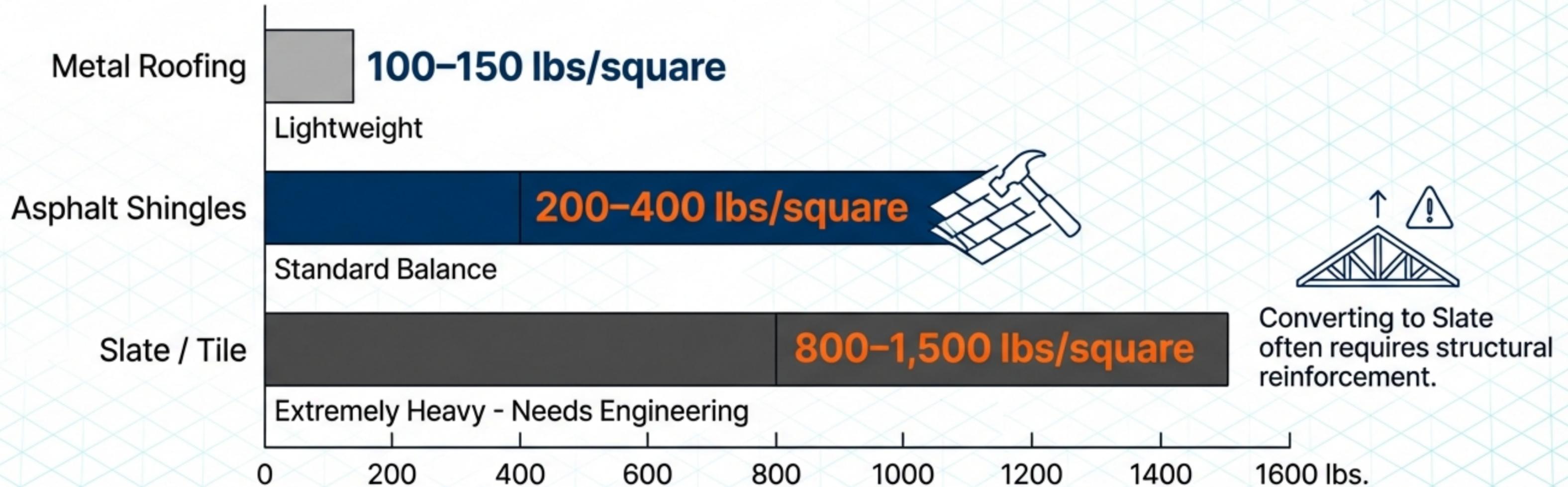


### Safety Warning

**Risk:** Adding a second layer over heavy architectural shingles may exceed truss capacity in older homes, especially during South Jersey snow events.

# Weight Comparison: Asphalt vs. Other Materials

Weight per Square (100 sq ft)



**Key Takeaway:** Asphalt offers the optimal balance of durability and weight for most South Jersey residential structures.

# Dumpster & Disposal Logistics



## 10-Yard Dumpster

Capacity: ~15 Squares  
(Single Layer)



## 20-Yard Dumpster

Capacity: ~25–30  
Squares (Single Layer)  
OR ~15 Squares  
(Double Layer)

## Logistics & Regulation



**Weight Limits:** Dumpsters have strict tonnage caps. Filling a dumpster to the rim with dense shingles often exceeds the limit, causing overage fees.



**NJ Recycling:** Asphalt shingles are Class B Recyclables. Local facilities (like ACUA) can recycle them into road pavement.



# Common Homeowner Misconceptions

## Myth:

"I can haul a few bundles in my car."



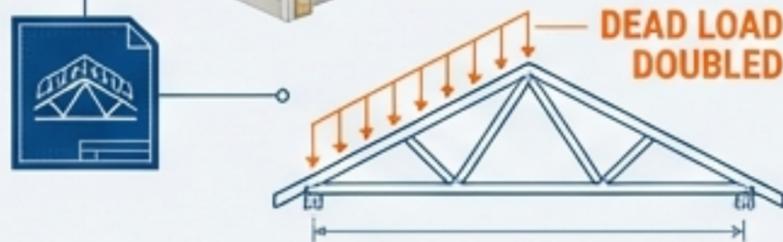
Reality: 20 bundles = 1,400 lbs. This exceeds the payload of most SUVs, risking suspension damage.

## Myth:

"My roof looks flat, I can layer over it."



Reality: Layering traps heat, hides rot, and doubles the dead load stress on trusses.

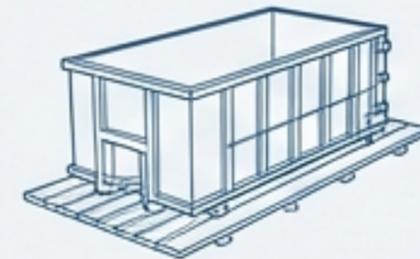


## Myth:

"A dumpster is just a dumpster."



Reality: Heavy shingle dumpsters can crack driveways without proper wood planking protection.



PROPER PROTECTION:  
Wood Planking

# When to Involve a Professional



**Safe Lifting:** Pros use boom trucks and conveyors to lift 4,000+ lbs to the roofline.



**Structural Assessment:** Inspecting decking for rot \*after\* tear-off is crucial for holding new weight.



**Liability Coverage:** Licensed contractors ensure NJ waste flow compliance and cover property damage risks.



# Why South Jersey Trusts RGB Construction



**GAF Master Elite® Contractor:**  
**Top 2%** of profers in North America.



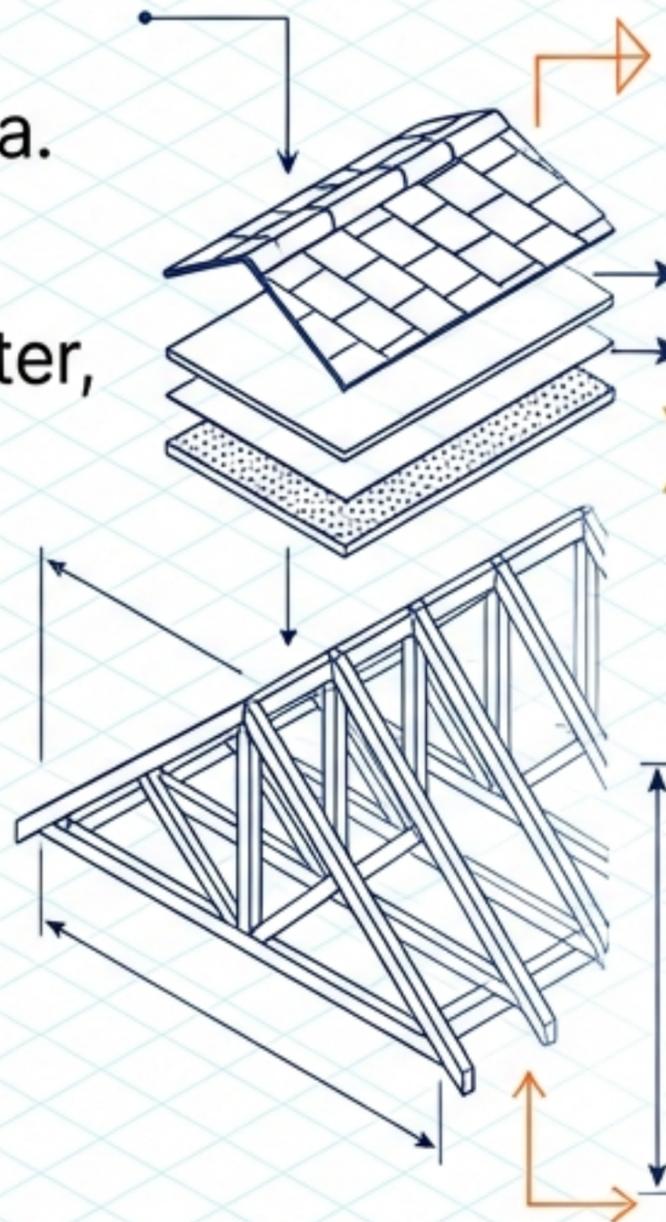
**Local Expertise:** Serving Gloucester, Camden, and Cherry Hill.



**Customer Rating: 4.8/5 Stars**  
(113+ Reviews).



*"Clean up was very good, would never know the roof had been replaced."* — Ray Hoskins



TRUSTED SEAL OF APPROVAL



# Key Takeaways



- **The Math: 3 Bundles = 1 Roofing Square.**



- **The Weight:** A typical 2,000 sq. ft. roof weighs over **2 tons (4,000+ lbs).**



- **The Code:** NJ limits roofs to 2 layers; tear-off is usually required.



- **The Solution:** Structural assessment and safe disposal require professional equipment.

**Contact RGB Construction for a Free Structural Assessment & Estimate.**  
Serving Gloucester, Camden, and Cherry Hill.