Executive summary

- **Theme:** Craftsmanship standards + how to qualify for **Enhanced Limited System Warranties** by installing a full **TAMKO system** (no mix-and-match accessories) and following key install details.
- **Why it matters:** Fewer call-backs, stronger homeowner peace of mind, and **shifts workmanship liability to TAMKO** when you register enhanced warranties.
- **Big reminders:**
    - Follow the **stricter** of local code vs. TAMKO instructions.
    - **Ventilation is about moisture removal** (not heat).
    - Ice & Water Shield (Moisture Guard) in **10-ft sections**—don't "roll & kick."
    - **No using a shingle as starter** if you want warranty/high-wind coverage.
    - Ensure suppliers deliver **TAMKO-branded** underlayment, starter, Moisture Guard, hip & ridge.

Key technical takeaways

- **Roof categories for code:** Steep-slope = **≥4/12 to 21/12**; Low-slope = **2/12 to <4/12**. Bid and install to the correct category.
- **Three rules of roofing:**
    1. **Uphill over downhill**; 2) **Later steps cover earlier steps**; 3) Think in **layers** to route water.
- **Decking:** Roof over **solid decks** only. **1×6 T&G** acceptable; skip sheathing over **space/plank decking**—resheet it to avoid shingle voids/deformation.
- **Underlayment:**
    - Synthetic Guard/Plus: **4" headlap, 6" endlap**, cap-nail at printed targets; use "+" pattern for high-wind or long exposure.
    - Coverage reality: plan for waste—**~8% less** than label on Synthetic Guard; **~9% less** on Moisture Guard.
- **Ice & Water (Moisture Guard):**
    - **Valleys required** (always). Many regions also require eaves/rakes (ice dam zones).

    - Install in **10-ft lengths**, overlap **3.5" head / 6" end**, **press tight** in valleys—no cups/voids.
    - Around penetrations: use **20"x20" "horseshoe"** piece (small pipes) or **left/right/top strips** (larger vents/boxes); keep seal area clear so shingles bond to shingles, not the membrane.
- **Flashing:** Verify kits/condition for **skylights, chimneys, jacks**; edge metal actually **keeps water out**, not just cosmetic.
- **Valleys:**
    - **California** (speedy, clean), **Closed-cut** (nip top corner every course to prevent tracking), **Open**—all over Moisture Guard.
- **Nailing:**
    - Standard: **4 nails** in the **wide nail zone** (6 if code requires).
    - **Mansards: 6 nails in the common bond** (critical to prevent slide-out).
- **Waste-smart coursing:** 5 courses with **2 cuts / 3 shingles** pattern minimizes dumpster loss.
- **Hip & Ridge:** Two TAMKO lines, same look/fit; **Pro line = Class 4**, standard = **Class 3**.
- **Ventilation:** Design to **1:150** rule of thumb; ensure **clear soffits** (insulation baffles). TAMKO doesn't make vents; **Lamanco** was cited as a helpful calculator/tool.

Warranty + program notes

- **Enhanced System Warranty** requires **TAMKO accessories** (starter, underlayment, Moisture Guard, hip & ridge, etc.).
- **Q&A:** "Can we cut starters from field shingles?" → **No** (breaks system requirement and high-wind criteria).
- **Positioning:** Use TAMKO's **80+ year** story + **Made in USA**.
- **Materials control:** Tell distributors **explicitly** to send **TAMKO-branded** accessories to avoid registration issues.
- **Resources coming:** Workmanship **booklets (EN & ES)**; session **recordings in Edge Portal** once live.

Operations & business takeaways

- **Project managers pay for themselves:** Quality control, photo documentation (pre/during/post), homeowner comms, and material stewardship. Don't rely on sales reps to sit jobs.
- **Documentation tools: CompanyCam** checklists & photo packs for transparency and proof of spec.
- **Scaling quality:** Segment roles (Sales / PM / Ops), hold crews to checklists; crews change—**your warranty exposure shouldn't**.
- **Common failure seen:** "Roll & kick" Moisture Guard caused deformation—follow the **10-ft sections** rule.

Quick checklist (print & post)

- Verify **deck** (solid; resheet if plank/space; gap plywood sheets).
- Confirm **code vs TAMKO**—apply the **stricter**.
- Underlayment laps & **cap nails at marks**; order **+8–9%** for waste.
- **Moisture Guard**: valleys (always), eaves/rakes where applicable; **10-ft pieces**; tight in valley.
- **Penetrations**: horseshoe/strips method; maintain shingle-to-shingle seal path.
- **Valleys**: choose method; **nip** closed-cut corners each course.
- **Starter = TAMKO starter**, not field shingle.
- **Nails**: 4 (or **6** if code/condition); **mansards = 6 in common bond**.
- **Vent calc** + confirm **clear soffits**.
- **Photos**: deck clean, underlayment, valleys, penetrations, nailing, final. Upload for homeowner and records.
- Register **Enhanced System Warranty**; confirm all **TAMKO accessories** on invoice.

Follow-ups & next steps

- **Edge Portal:** This recording + takeaways will be posted when the portal section goes live.
- **Workmanship booklets:** Distribute to crews (EN/ES).

- **Supply help:** If you can’t source Moisture Guard or other TAMKO accessories, **contact your TAMKO TM**—they’ll route product and/or add to your preferred distributor.
- **Adopt checklists:** If you don’t have an install checklist flow yet, start with CompanyCam’s templates and align to the bullets above.