

CSD RoofLayer Standard

Reinforced Synthetic Roof Underlayment — Strong. Reliable. Code-Ready.



ROOF PROTECTION

Advanced Synthetic Underlayment
For Uncompromising Roof Protection

CSD RoofLayer Standard is a durable synthetic roofing underlayment engineered for residential and commercial sloped roofing systems. It is designed to replace traditional #15 felt, offering greater tear resistance, dimensional stability, and moisture protection in a lightweight, installer-friendly roll.

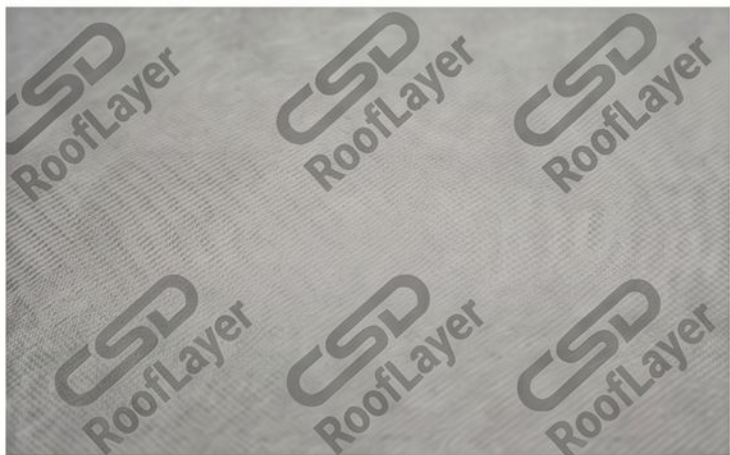
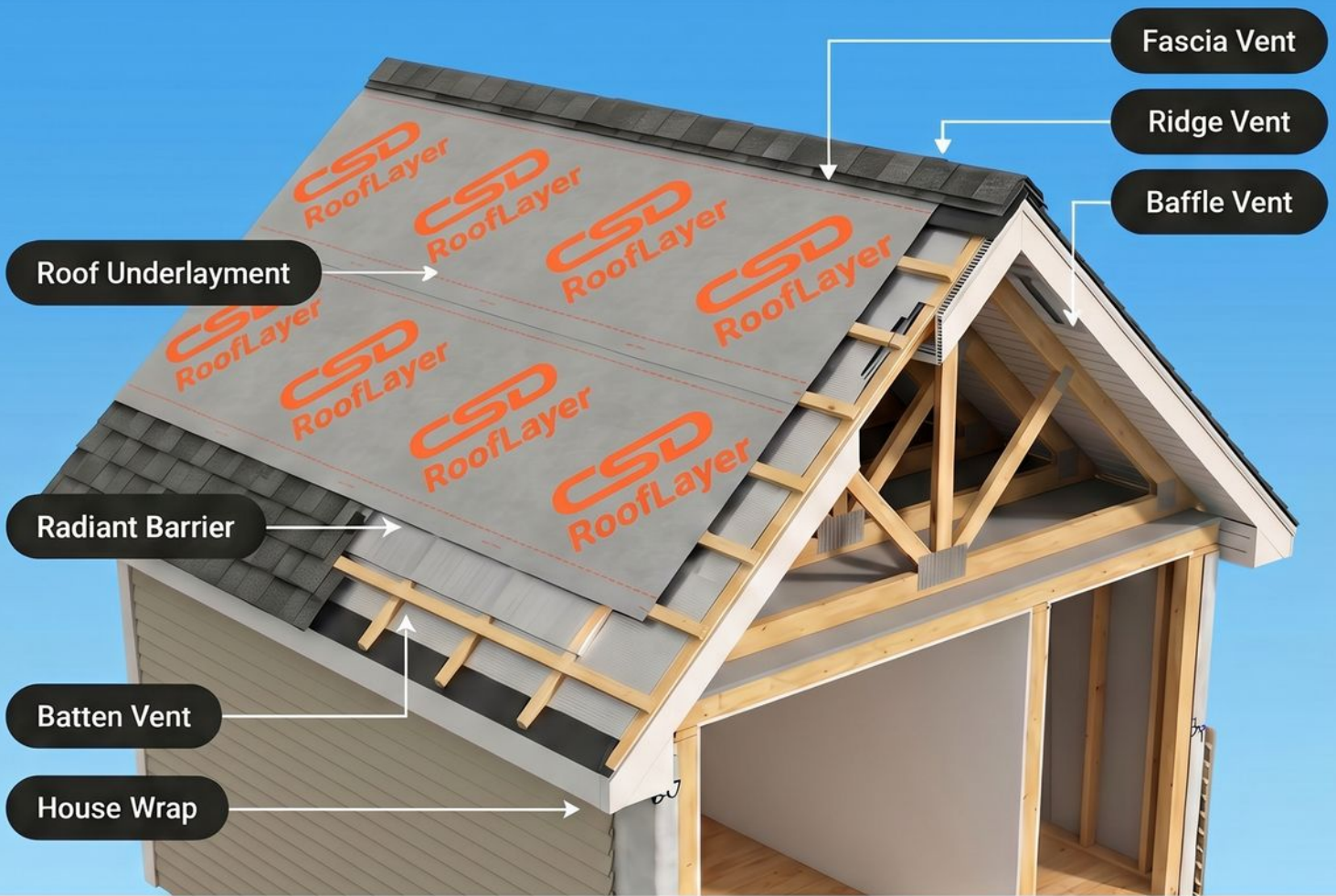
Manufactured from multilayer polypropylene, RoofLayer Standard features a non-woven, slip-resistant grey surface, is zero vapor permeable, and is backed by a Class A fire rating. It is ideal for use under asphalt shingles, tile, and metal panels, delivering safe walkability, clean lay-down, and 180-day UV resistance.

UNMATCHED DURABILITY

Resists tearing, cracking, and wrinkling even in challenging job site conditions.

SUPERIOR STRENGTH

High tensile and tear resistance.
Tested as per ASTM D5035
and D4533.



■ Product Construction

- Top Layer: Slip-resistant grey non-woven surface
- Core Layer: High-strength polyolefin laminate
- Bottom Layer: Coated base for flat, wrinkle-free installation
- Color: Grey (non-reflective)

ADVANCED WATERPROOFING

Sheds moisture, forms a secondary barrier. Meets ASTM D226 and D228.

LIGHTWEIGHT EFFICIENCY

Just 2.65 yz/yd² and approx. 19 lbs per roll. Easier handling, less fatigue.

-  **Water Resistance**
-  **Compatibility**
-  **Ease of Installation**
-  **Slip Resistance**
-  **Durable**



WHERE TO USE

- Asphalt shingles, tile, and metal roof systems
- Residential re-roof and new construction projects
- Pitched roofs in warm, dry, or mixed climate regions
- Structures requiring extended UV exposure protection
- Sites needing superior tear strength and walkability

Installation Guidelines

- Use cap nails, staples, or approved fasteners
- Apply with printed side up, starting from the eave
- Maintain 4" horizontal and 6" vertical overlaps
- Ensure surface is clean and dry before installation
- Cover with final roofing system within 180 days of exposure

FEATURES & BENEFITS

- Replaces #15 felt with stronger, safer, synthetic construction
- Lay-flat formulation – no curling or buckling
- Slip-resistant for safer installation on sloped roofs
- Withstands heavy foot traffic and wind uplift
- Zero water absorption – won't wrinkle when wet
- UV-resistant for up to 180 days of open exposure
- Compatible with asphalt, tile, and metal roofing
- VOC-free and non-toxic for indoor air quality compliance
- Class A fire-rated for use in code-regulated applications

Product Specifications

Attribute	Value
Thickness	7 mil
Weight per yard ²	3.25 oz/yd ² ±5%
Roll Size	4 ft x 250 ft
Coverage per Roll	937 sq. ft (nominal)
Surface Type	Non-woven, slip-resistant grey
Vapor Permeability	Zero – non-perforated
UV Exposure	Up to 180 days
Fire Rating	Class A
Toxicity	VOC-free, non-toxic



STANDARDS & COMPLIANCE

TESTED IN ACCORDANCE WITH:

- ASTM D4869 – Synthetic underlayment standard
- ASTM D226 – Felt replacement underlayment
- ASTM D5035 – Strip tensile strength
- ASTM D4533 – Trapezoid tear resistance
- ASTM D779 – Water resistance
- ASTM E108:2020 – Class A fire performance
- CSA A220.1 – Canadian underlayment standard

Miami-Dade County approval in process – expected within 4 months.

LIMITED WARRANTY

- **10-Year Limited Warranty covers manufacturing defects and material failure under proper installation.**
- **Warranty excludes damage from UV overexposure beyond 180 days, misuse, or incorrect fastener use.**
- **Product must be installed per CSD guidelines.**

WHY CHOOSE CSD ROOFLAYER STANDARD?

- CSD RoofLayer Standard is designed for roofing professionals who want faster installs, safer surfaces, and long-lasting protection.
- It delivers the strength, flexibility, and coverage efficiency needed to outperform traditional felts and lower-tier synthetics.

INSTALLER SAFETY

- Slip-resistant surface improves jobsite safety
- Use proper PPE and OSHA-compliant fall protection
- Avoid walking in wet, icy, or windy conditions

SAFETY DATA SUMMARY

- CSD RoofLayer Standard is made from polyolefin-based synthetic materials with no asphalt, fiberglass, or VOCs.
- It is non-toxic, odorless, and safe for both enclosed and ventilated environments.
- Dispose of according to local construction waste regulations.

CSD – BUILT TO PERFORM. TRUSTED TO LAST.

DISCLAIMER

This catalogue is intended for reference use only. It is the responsibility of the installer, builder, or project engineer to confirm the suitability, code compliance, and safe use of the product in each specific project.

CSD assumes no liability for misuse, non-compliant installation, or modifications outside recommended practices.



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