



Memorandum of Compliance- Oregon State

This memorandum serves to document and affirm that Sure-Step Performance Decking products, when properly installed, are in compliance with guidelines & environmental standards for permitted dock construction in Oregon State.

Sure-Step Dock Panels are designed to ensure adherence not only to the written provisions of governing requirements, but also to the broader objectives those requirements are intended to achieve. (See: OAR 141-089-0695 & ODFW Residential Dock Guidelines, 2016)

Sure-Step prioritizes partnership with both State and Local agencies, as well as PNW marine contractors, to reduce and mitigate negative effects from, *“Overwater structures, such as docks, ramps and boathouses (that) have been shown to alter fish assemblages, behavior, predator/prey relationships, and diminish habitat function.”*

Sure-Step in the PNW

The focus of PNW dock guidelines attempts to mitigate several environmental concerns including:

- “Shading” via restricted light availability
- Aquatic plant and habitat disturbance
- Chemical and sediment contamination



With an estimated 10,000 + residential docks and floating homes in Washington and Oregon, Sure-step is committed to being part of responsible waterfront building for the region. The majority of legacy docks, estimated as high as 80% (*North American Deck and Railing Association*), use Pressure Treated Lumber as the dock surface, contributing to the concerns previously listed.

Projects using Sure-Step, flow through grated panels, contribute to a future where residential and recreational demands on the sensitive waterfront environment, are handled with maximum care and stewardship.

Compliance

Light Penetration:

- Docks should have **at least 50% of the float surface composed of grating** containing at least 60% open space surface.
- The ramp/gangway out to the dock should be 100% grated to allow light to pass through. Ramp width should not exceed 5 feet. Ramp square footage is not included in the total dock area square footage.

The minimum, net “open area” equates to **<Example 1>**

50sf of dock surface x 50% functional grating x 60% open area = 15sf. This results in a dock with a minimum of **30%** of the total surface permitting light pass-through. (grating calculation)

- The majority of dock builds using Sure-step panels as *Functional grating*, are designed and regularly installed with closer to **85-100%**, well above the minimum 50% threshold, and thus contribute an increased light availability overall.
- Sure-Step Panels, calculated per 10sf section, installed per manufacturers recommended spacing, achieve open area between **40-44%**. Resulting functional light availability achieves **75% and above** on average!



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PERFORMANCE DECKING

A dock assembly using Sure-Step performance functional grating, results in a dock assembly that meets and exceeds these light minimums, see **<Example 2>**

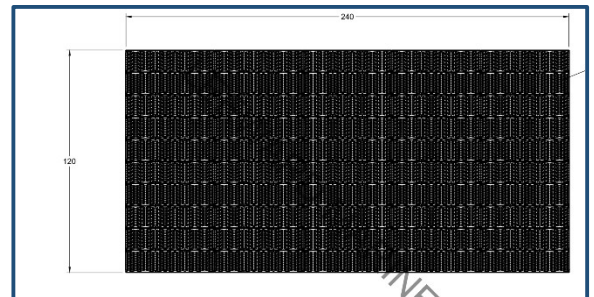
50sf of dock surface x 90% (avg) *functional grating* x 42% (avg) *open area* = 19sf. This results in a dock with nearly 38% of the total surface permitting light pass-through (grating calculation), **exceeding minimum recommendations.**

In addition, using Sure-Step as the functional grating component in a dock project, contributes to overall reduction in environmental impact by:

- **Creating a modular, easily repaired assembly** - Minimizing shoreline & environmental disruption
- **Requiring less material for structural members** - Further maximizing light penetration
- **Zero chemical pollutants or FIBERGLASS particles contamination**- Note: a majority of commercial grating with 60% + open area has high fiberglass content. See: *Filter-feeding bivalves at risk due to particle accumulation: Journal of Hazardous material (Volume 472, 5 July 2024, 134619)*
- **Maximizing the sun's elevation arc due to our unique Chevron openings**- Surpassing unidirectional openings in light duration, while simulating natural shade patterns of shoreline foliage.



<Example 3> See Approved Dock drawings achieving 100% functional grating. This example from PNW waterway project, was commended and approved for build permits, as a model for permit application and compliance.



Total Dock area = 120' X 240' = 28,800'sq
Total Framed + float Area = 13355.65'sq
Grating on over 100% structure
Total Open area = Total dock - total framed = 28800'sq - 13355.65'sq = 15444.35'sq
% of effective grated area = 15444.35'sq / 28800'sq = 53.6%

Sure-Step, with our dealers and contractors, are committed to the goals of State and Local agency partners. This is achieved through coordinated best practices, thoughtful design, environmentally considerate manufacturing, and a promise to be stewards of the habitats where we work, recreate and live. Thank you for your consideration and please contact us with any questions.

Sincerely, Barrett Reiner

Sure-Step National Business Development Manager

Portland, Oregon

For Additional Resources

See:

State of OREGON

County of MARION

Signed (or attested) before me on 07/08/2026,

By Barrett Reiner

Kayleen Glantz
Notary Public - State of Oregon

Document consists of 02 pages.

