

Technical Bulletin

INSTALLING STONE COATED STEEL PANELS OVER EXISTING ROOFS

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General Information

Westlake Royal Roofing Solutions[™] has developed and recommends minimum design criteria for all Unified Steel[™] product installations. The Unified Steel[™] PINE-CREST Shake, BARREL-VAULT Tile, COTTAGE Shingle and PACIFIC Tile profiles can be installed in both new and reroofing conditions.

Underlayment Minimum Design Requirements

The minimum underlayment requirement for the proper installation of a Unified Steel[™] system, for a direct to deck or batten installation, in non-HVHZ* regions, is a single layer of an ASTM D226 Type II #30 asphalt saturated felt.

Installing Over Existing Roofing

When the installation of the Unified Steel[™] system is over an existing roof covering, if the existing roof is watertight, the roof covering is deemed to meet or exceed the underlayment minimum design requirement. Additional underlayment can be installed over the existing roof to meet any required fire rating per code or increase the weather protection performance and will not affect the Unified Steel[™] limited warranty.

Unified Steel[™] GRANITE-RIDGE Shingle is not recommended to be installed over existing roofing, as any surface irregularity of the covered roofing material can adversely affect the aesthetics and performance of the system.

*HVHZ - High Velocity Hurricane Zone

Current Technical Bulletins are listed on our website at WestlakeRoyalRoofing.com and we reserve the right to amend or update these documents at any time.

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Any questions regarding content or usage of our installation guides or code approvals should be directed to your local technical service representative. Please visit WestlakeRoyalRoofing.com or call customer service at 800.669.8453.

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