

BRS, Inc. 13808 Santa Fe Crossings Dr. Edmond, OK Ph 405 607 8877	TECHNICAL BULLETIN Seam Clamp for TS-324	Bulletin No. TS19 Revision No. 0 Date: September 24, 2021
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Importance of Panel Installation Clamps

The TS-324 Roof System Installation Guide specifies the use of seam clamps and module clamp kits during the installation of the roof panels. Experience has proven that these clamps greatly help the correct alignment and fit-up of the roof panel assemblies and seams. This in turn minimizes potential seaming issues, performance problems and rework and even further enhances the installation efficiency of the TS-324 panel system.

While it is possible to install the roof panels without these clamps, it is not wise to do so because the cost and any inconvenience in providing the clamps is insignificant when compared to the gain in erection efficiency and the reduction of claims and customer dissatisfaction.

The specified clamps are specially designed to properly fit and form to the TS-324 panels and are the only clamps that should be used for installation of these panels. The use of generic clamps or tools designed for other roof systems can cause damaging distortion and misfit of the critical panel assemblies.

Seam Clamp

There is only one BRS seam clamp design used for the TS-324 roof panel installations.

The seam clamps are used to align and pull together the roof panel seams at the eave, end lap and ridge ends of the panel. At the same time, the clamp compresses the sealants within the seam which causes them to flow to allow the seam to be fully nested and, in a condition, suitable for the seaming operations.

At the roof panel end laps, the clamps' action of aligning and pulling together the seams also controls the critical lateral alignment of the lapping panels. At the same time, the clamps help compress the end lap sealant to allow the proper nesting of the lapping panels.

A minimum of four seam clamps are required for each roof job. Two additional seam clamps should be provided for each line of end laps. On large jobs with multiple sheeting crews, the quantity of clamps should be repeated for each additional sheeting crew.

Tool Availability

To help assure the use of the proper panel installation clamps, the roof panel manufacturer or compliant seamer company should be the exclusive sources for these clamps.

Included in this technical bulletin are the fabrication details for these clamps. These details can be used for the fabrication of the clamps at the licensee's facility or assembled clamps can be ordered or rented from the compliant seamer company.

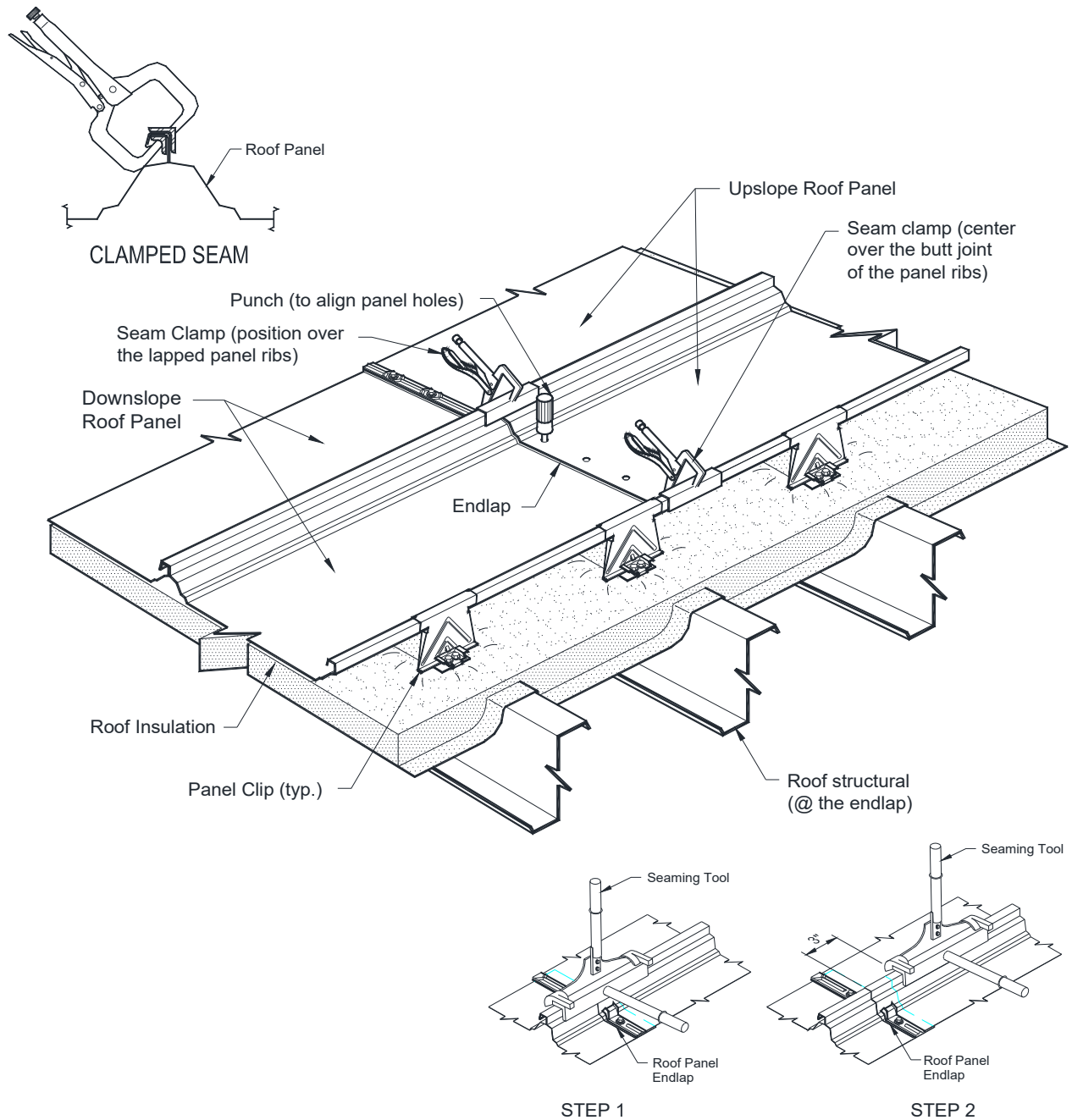
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