

# DEC-TECHNICAL BULLETIN



Bulletin No: TB033 Version: v.01

Effective Date: 2020-08-14

**Subject: DEC-TEC MEMBRANE – COOLSTEP SLATE SINGLE DROP APPLICATION**

- Product
- Pre-Installation
- Installation
- Repair
- Maintenance
- Other
- External
- Internal Use
- Internal Use Only

**Target Audience:** Dec-Tec Professionals, Installers, Territory Builders, Manufacturer Representatives, Customer Service Representatives, Dec-Tec Distributors,  
**Reason for Bulletin:** Confirmation that CoolStep Slate is best utilized in a single drop application.

**Details:**

Dec-Tec CoolStep Line: CoolStep Slate, Item Code DTCSLA80



Skyline Building Systems Inc. (SBS) launched CoolStep Slate in 2019. Since then the product has been performing as expected while showcasing outstanding aesthetics.

CoolStep Slate has visible directionality in the pattern and overall design. More so, grout lines spanning in two directions, 90 degrees to each other in part thanks to the tile pattern. The product was specifically designed this way and accounts for a 2 inch overlap in the pattern from edge to edge in the event of a side by side application of the membrane was necessary to span the width of the deck.



Manufacturing a single ply decking membrane with dual directionality is a challenge and installing the same product takes extra care and attention when it comes to single ply decking membranes. Over the past year we have received feedback that the CoolStep Slate when used in a multi-drop application (2 sheets or more) doesn't line up perfectly at the grout lines when edge to edge let alone with a 2 inch overlap. The likely reason for this is due to necking down (narrowing down from side to side of the printed membrane) and or minor manufacturing adjustments of the membrane during the production of Dec-Tec master rolls.

As we continue to work with our manufacturing partner on perfecting design, manufacturing methods, ease of application, and expected performance, we find ourselves with the current CoolStep Slate membrane and recommending that it only be used in a single drop application. If a multi-drop application is necessary we kindly ask that a different design such as CoolStep Sandalwood or other be considered instead. It is plausible to use the CoolStep Slate in a multi-drop application, however, the expectation should be that the grout lines from one sheet to another will be slightly off when matching up.

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If you have any questions concerning this bulletin, please contact Skyline Building Systems Inc. at 1-866-461-3914.

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