

COREFLEX PRODUCT LINE UPDATE

MODIFIED REINFORCEMENT FABRIC PATTERN & PVC COLOR

The PVC-KEE membrane formulation remains the same, however the COREFLEX membrane now has a slightly darker yellow appearance (See Figure 1 & 2 below). The product material properties stated on the current published technical data sheet remain the same.

The reinforcement fabric for COREFLEX 60 and COREFLASH 60 membranes now features wider scrim pattern (See figures 3 & 4), making welding easier and more efficient. During thermoplastic welding, the heat better transfers through the new reinforcement fabric scrim providing ease of welding for creating a monolithic welds to the underlying membrane.



Figure 1: Old COREFLEX/COREFLASH. Lighter yellow appearance. Reinforcement fabric barely visible through PVC layers.



Figure 2: Updated COREFLEX/COREFLASH. Slightly darker yellow appearance with reinforcement scrim pattern visible through PVC layers.

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Figure 3: Old COREFLEX/COREFLASH reinforcement scrim.

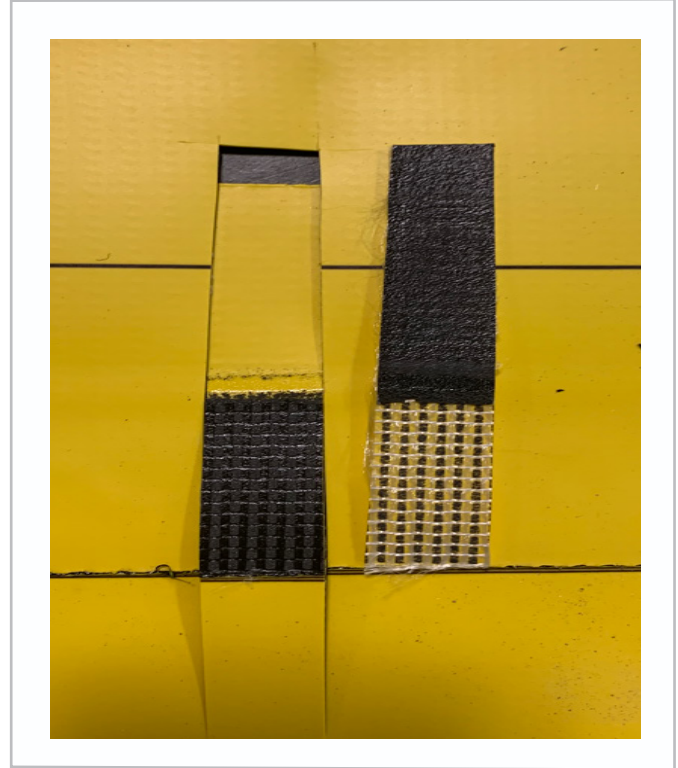


Figure 4: Updated COREFLEX/CORFLASH reinforcement scrim.

Verifying Welded Seams

The primary means of verifying welds is still to probe the weld or take a test pull strip. Verification by probing has not changed. Probing should still ensure that the weld is continuous with no gaps or fish mouths in the welded seam.

Verification by test pull strips now have a different appearance. See on the following page figures 5 through 8. Figures 5,6, & 7 illustrate examples of successful welds. In all of these examples, when the test pull strip is pulled, the overlapping PVC membrane remains bonded to the underlying membrane. The weld width should still be a minimum of a 1/2" wide.

In figure 8, an example of a failed test strip, the overlapping PVC membrane completely separates from the underlying PVC membrane. This illustrates that in failed welds, the materials were not fully welded together and were able to be separated.

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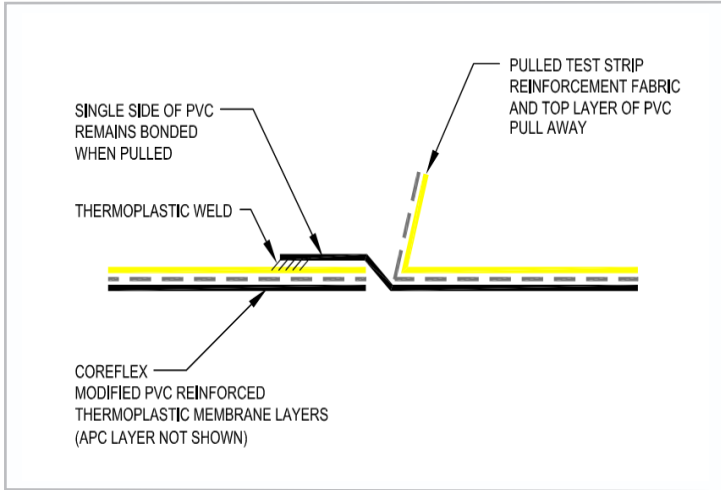


Figure 5: Example 1 of successful weld.

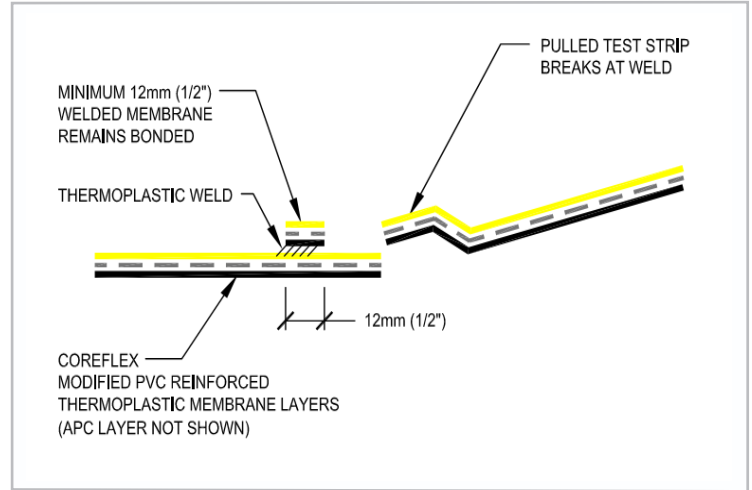


Figure 7: Example 3 of successful weld.

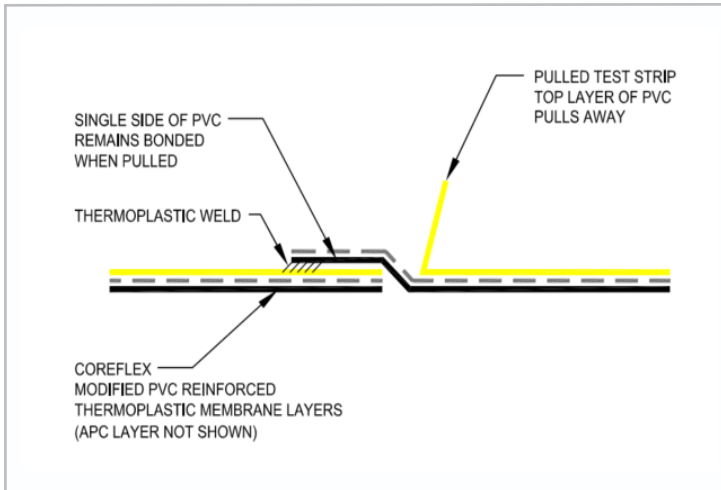


Figure 6: Example 2 of successful weld.

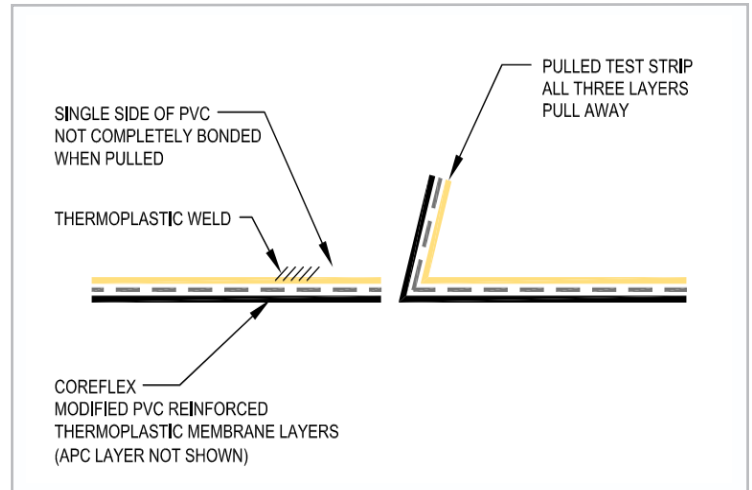


Figure 8: Example of a failed weld.

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FEBRUARY 2025 (Supersedes all previous versions)

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FORM: PA_COREFLEX PRODUCT UPDATE_202502