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Global Sealants Division
Integrated Technical Solutions

Date: January 7, 2009

To: Distribution

From: Greg Martin

Technical Service Bulletin No. S-08-26

ExoAIR 110 / 110LT / TWF / TWF Tie-in over TP-6100 / 6145 HRA membrane systems.

Reference upturns

The purpose of this bulletin is to confirm proper placement, adhesion techniques and compatibility between Tremco's ExoAIR 110 / 110LT / TWF air barrier products applied to Tremco's TP-6100 and 6145 HRA membrane systems.

There are concerns in the industry regarding termination of our hot rubberized membrane systems to concrete parapet walls, wood facets, Densglass among others. The drilling of holes through these substrates to accommodate the use of a termination bar - "Paraterm bar" for example is not in some cases, desirable depending on the substrate or specified. There have been a multitude of noted cases where the aluminum termination bar has been at the center of controversial failures. Term bar failure for the most part, will manifest itself as buckled or "bow affect", and begins to exert pressure to the fastening pin thus dislodging the pin from the concrete or masonry wall. In many cases we have found masonry to be most problematic. Once the term bar shows the bow affect, it may also pull away the HRA membrane system from the wall. We have found through time tested field results, that where possible, 6100 HRA overlapped with ExoAIR barrier or similar may in fact, outlast termination bars by increasing the life span of the "upturn to wall" termination. Densglass as a substrate for instance, will not except term bar and may lead to premature failure. ExoAIR sheet is an SBS asphaltic membrane fully compatible with our TP- 6100 / 6145 HRA membrane systems.

Where possible, always specify the air barriers if specified, to overlap Tremco's 6100 / 6145 membrane systems on or near upturns to Densglass or anywhere else the opportunity arises. Through wall flashings have become a big problem as most cut the flashing before asking questions regarding termination. Again where possible, have the consultant or GC force the air barrier termination to deck level. The flashing can always be cut back later if the specification goes in a different direction.

Adhering the ExoAIR 110 / 110LT / TWF to TP-6100 is effortless. Once the HRA membrane has cooled and you find the HRA membrane will not burn skin (less than 130F) you may install the adhesive side of the air barrier sheet to the 6100 / 6145 membrane. The 6100 / 6145 HRA need only be warm to cause substantial adhesion to the ExoAIR sheet. Mild to moderate heat may be used directly on the 6100 / 6145 HRA to cause a meld to the air barrier sheet.

Note: Never place hot rubberized membranes onto the poly face of any air barrier products.

Reference Tremco details: D-979-1B / D-1050-6B >May be integrated with project specifications.
Please contact Tremco Technical Service with any questions regarding this bulletin.

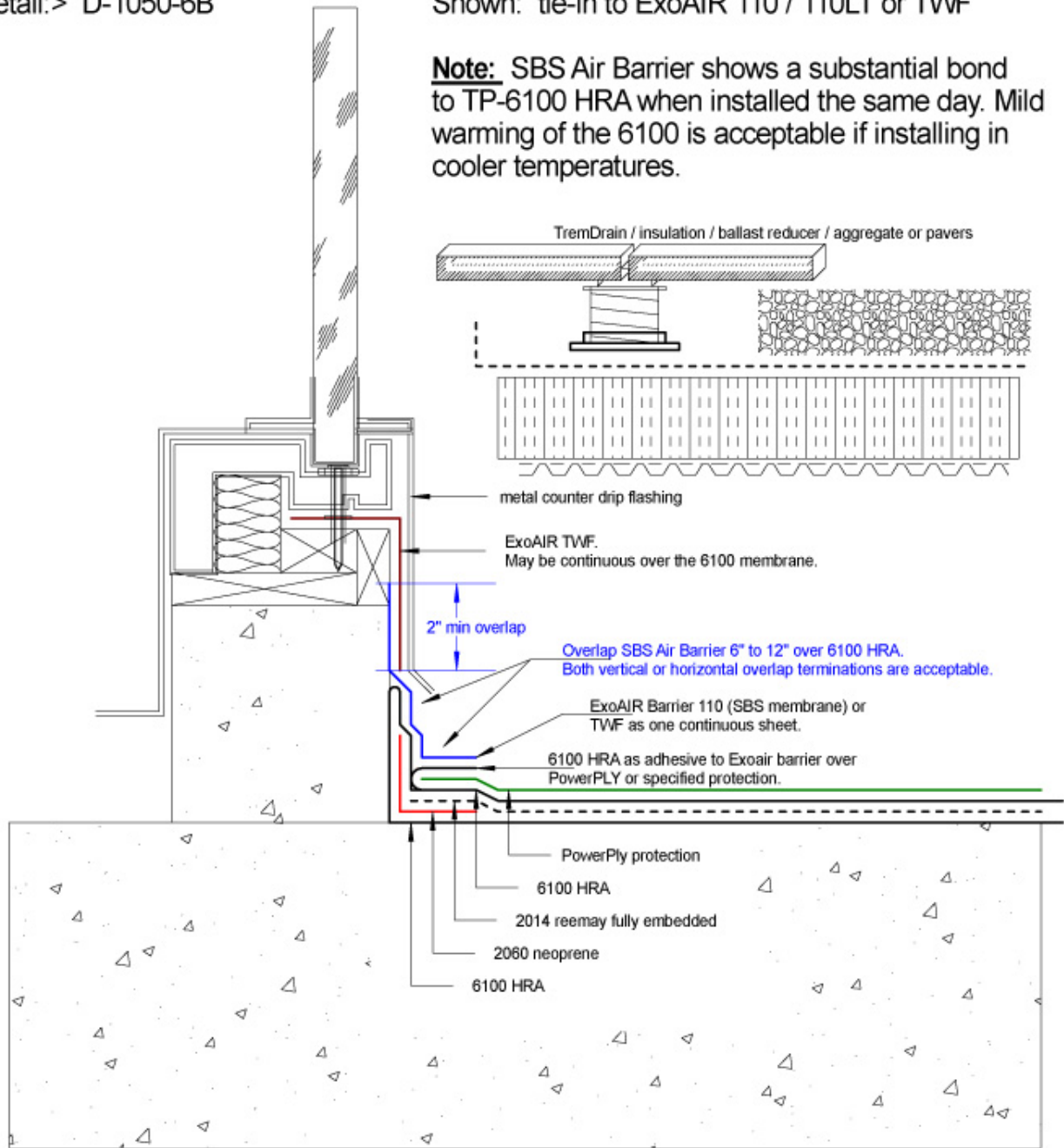


detail:> D-1050-6B

6100 HRA membrane system

Shown: tie-in to ExoAIR 110 / 110LT or TWF

Note: SBS Air Barrier shows a substantial bond to TP-6100 HRA when installed the same day. Mild warming of the 6100 is acceptable if installing in cooler temperatures.



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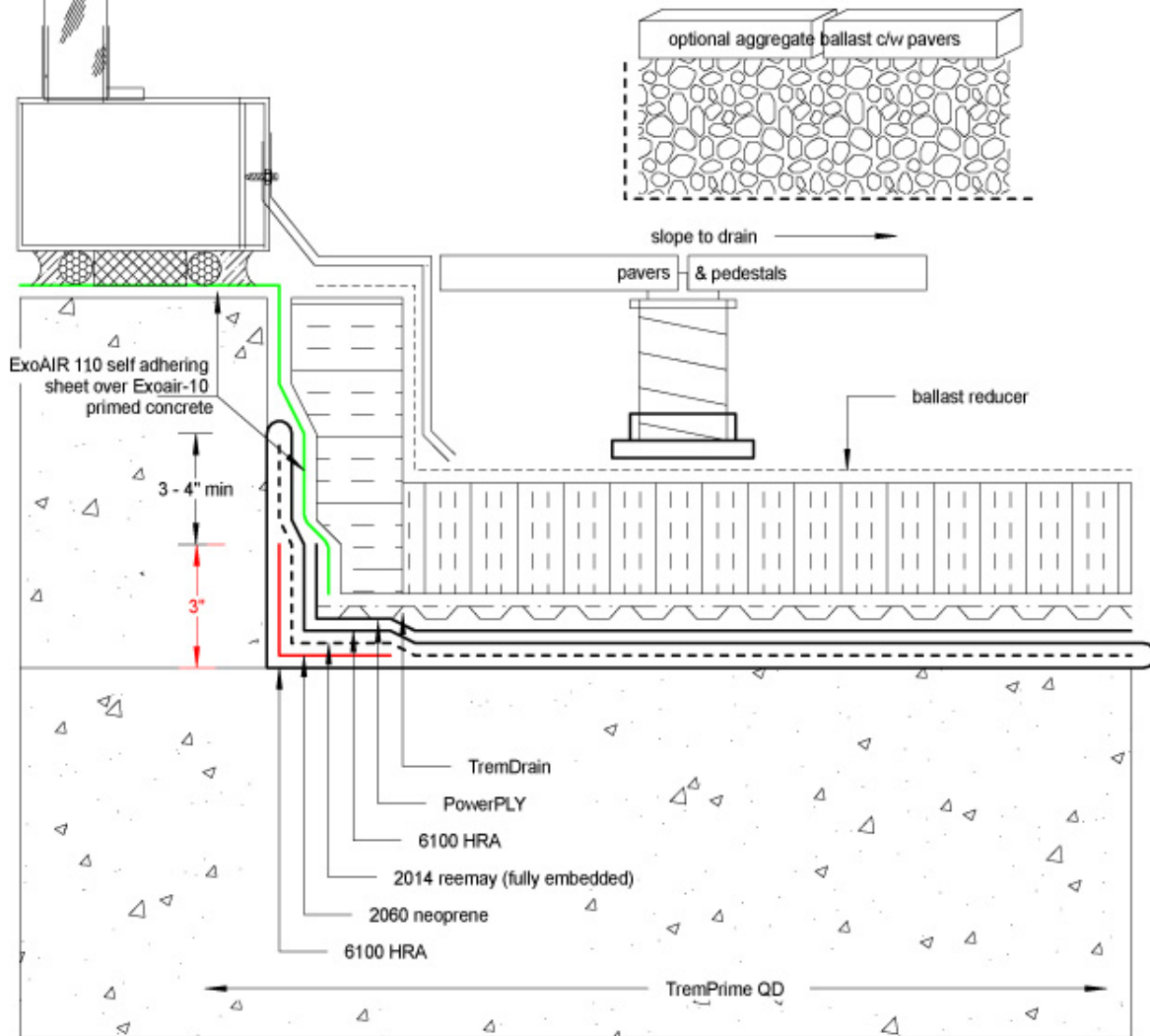
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<u>Date:</u> Aug-24-2008		<u>Drawing No.</u> D-1050-6B
<u>Drawn by:</u> G.M.	<u>Approved:</u> <>	<u>Scale:</u>
<u>Project:</u>		



Shown: 6100 HRA Membrane Upturn. ExoAIR 110 air barrier sheet counter flashing serves as termination.

Detail>> D-979-1B



Note:
6100 HRA membrane is not restricted to height on the parapet wall. Extend height according to contract documents. Detail shows minimum requirements. ExoAIR overlap to 6100 HRA should be a minimum of 4" but may extend to horizontal floor utilizing the overburden weight as termination.

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<u>Date:</u> Jun-19-2008		<u>Drawing No.</u> D-979-1B
<u>Drawn by:</u> G.M.	<u>Approved:</u> <>	<u>Scale:</u>
<u>Project:</u>		