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Technical Bulletin

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Effective immediately, the following installation procedures shall apply to all the installations of Colvent TG, Colvent 180 TG, Colvent SA, and Colvent 180 SA:

Colvent TG & Colvent 180 TG - Installation Procedures

1. Prime the lightweight insulating concrete (LWIC) with Soprema Elastocol 400 or 500 no less than 48 hours after the pour and no more than 72 hours after the pour. Elastocol 400 or 500 is applied at the rate of 100 to 150 square feet per gallon. If rain is imminent on day 3, primer must be applied on day 2 after the pour.
2. Just prior to the application of the Colvent TG, re-prime the surface with an application of Elastocol 400 or 500 at the rate of 100 to 150 square feet per gallon.
3. Heat weld the adhesive strips directly to the LWIC using the same technique, and amount of heat, as a fully welded SBS base membrane.
4. It is important to note that the Colvent TG base membrane must not be totally heat welded to the LWIC on the end lap when work is over for the shift or day. The channels between the heat welded strips must continue from one base membrane to the next in order for the "venting" function of the Colvent to occur.
5. End laps shall be six (6") inches. Care must be taken not to block the channels between adjoining lengths of Colvent TG.
6. If Colvent TG is used for flashing on parapet walls, the Colvent must be installed so that the channels are perpendicular to the plane of the roof.

Colvent SA & Colvent 180 SA - Installation Procedures

1. Prime the lightweight insulating concrete (LWIC) with Soprema Elastocol 600c no less than 48 hours after the pour and no more than 72 hours after the pour. Elastocol 600c is applied at the rate of 100 to 150 square feet per gallon. If rain is imminent on day 3, primer must be applied on day 2 after the pour.
2. Just prior to the application of the Colvent SA, re-prime the surface with an application of Elastocol 600c (or other approved primer) at the rate of 100 to 150 square feet per gallon.
3. Install the Colvent SA into the primed surface. Roll the Colvent SA with a steel roller to ensure adhesive contact between the adhesive strips and the primed surface.

Technical Bulletin

Page 2

Colvent SA & Colvent 180 SA - Installation Procedures - Continued

4. It is important to note that the Colvent SA base membrane must not be totally sealed to the LWIC on the end lap when work is over for the shift or day. The channels between the self-adhered strips must continue from one base membrane to the next in order for the “venting” function of the Colvent to occur. If sealed to the LWIC for a nightly tie-off then the tie-off must be completely removed when work resumes.
5. End laps shall be six (6”) inches. Care must be taken not to block the channels between adjoining lengths of Colvent SA.
6. If Colvent SA is used for flashing on parapet walls, the Colvent must be installed so that the channels are perpendicular to the plane of the roof.