

April 9, 2012

**To: Carlisle Representatives and Distributors and Authorized Applicators**

**Re: Improving Bonding Adhesive Productivity and Coverage Rates**

Many contractors are using mechanical roller dispensers to increase the productivity of bonding adhesive application. In order to further increase the productivity using these tools, Carlisle is introducing the Locking Ring Lid. This lid allows users to quickly and easily replace the original lid on Carlisle's Bonding Adhesives after they are properly mixed prior to application. The lid can be reused indefinitely to quickly reseal steel pails throughout a project. **The locking ring lid is not approved for the transportation of adhesives.**

<u>Product Code</u>	<u>Description</u>	<u>List Price</u>
320020	Locking Ring & Cover Kit (5 gal) CT/3	\$37.33

Carlisle has witnessed both the advantages and disadvantages of using these unique tools. In an effort to improve the quality of installations using these tools, Carlisle offers the following recommendations.

**Coverage Rate**

The proper adhesive coverage rate must be met when using this equipment.

<b>Adhesive</b>	<b>Coverage Rate</b>	<b>Finished Surface</b>
90-8-30A Bonding Adhesive TPO Bonding Adhesive Low VOC Bonding Adhesive	60 ft <sup>2</sup> (5.6 m <sup>2</sup> ) per gallon of finished surface	Both the membrane and substrate
Solvent Free EPDM Bonding Adhesive (Non-reinforced EPDM only)	100 ft <sup>2</sup> (9.3 m <sup>2</sup> ) per gallon of finished surface	Substrate Only
AquaBase 120 Bonding Adhesive*	100 - 120 ft <sup>2</sup> (9.3 - 11.2 m <sup>2</sup> ) per gallon of finished surface	Both the membrane and substrate

\* When using AquaBase 120 with FleeceBACK® membranes, the finished surface is considered to be the substrate only

### Hole Sizing and Spacing for Bonding Adhesive Dispensers

Adhesive	Hole Sizing and Spacing
90-8-30A Bonding Adhesive TPO Bonding Adhesive Low VOC Bonding Adhesive	1/4" (6.35 mm) holes spaced approximately 3/4" (19 mm) on center
Solvent Free EPDM Bonding Adhesive AquaBase 120 Bonding Adhesive	1/2" (12.7mm) holes spaced approximately 1" (25.4 mm) on center

### Additional Information

- **Adhesives must be thoroughly mixed before applying.**
- Roller covers must be replaced on a daily basis.
- The pace of application when using the mechanical roller dispenser for bonding adhesive is **extremely** critical to achieving proper coverage rates. The pace will vary depending on the adhesive used, ambient temperature and amount of adhesive in the container.
- A 9" wide roller with a 3/8" nap must be used to backroll the adhesive after application with the mechanical roller dispenser.
- During colder weather, keep adhesives warm as long as possible before use to reduce application times.

In the event of a warranty claim found to be caused by inadequate adhesive coverage or incorrect adhesive application, Carlisle will hold the installing contractor responsible for any repairs. For further information on the proper use of this equipment, please refer to the manufacturer's website.

Sincerely,



Eric Pushart  
EPDM Marketing Specialist