

## Carlisle SynTec's ReadyFlash Technology

As the single-ply roofing industry leader, Carlisle SynTec Systems takes pride in its tradition of continuous innovation. With the introduction of ReadyFlash Technology for SecurShield® flat and SecurShield HD products, Carlisle continues to shape the evolution of the commercial roofing industry through the development of world-class products.

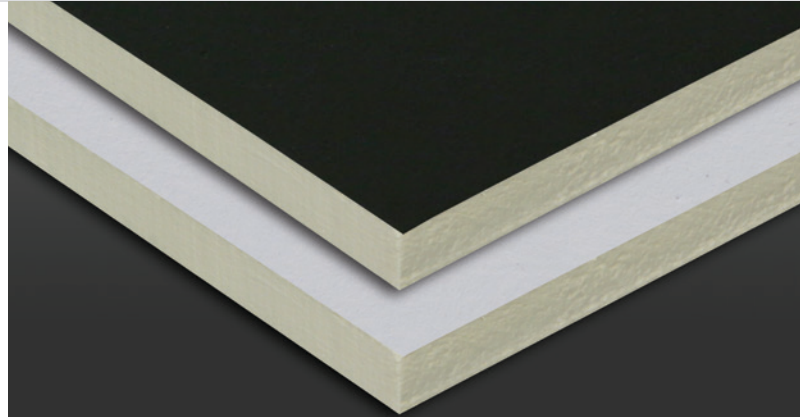
Carlisle's ReadyFlash Technology allows contractors to manipulate adhesive flash-off times by choosing between two different-colored facers on every board. ReadyFlash products feature a dark-colored coated glass facer (CGF) on one side of the insulation board and a light-colored CGF on the other. Utilizing the sun's energy, the dark facer accelerates adhesive flash-off, while the light facer slows it down.

### THE CHOICE IS YOURS

Applicators can choose which side of the board to use, helping to offset environmental variables that affect adhesive flash-off such as temperature, sunlight, humidity, wind speed, size of crew, current pace, and time of day. The dark CGF also more closely matches the backside of single-ply membranes, providing better alignment of adhesive flash-off times between insulation and membrane.

### A BETTER SOLUTION

Changes in season, weather, and temperature can drastically affect the flash-off times of membrane bonding adhesives. Producing consistent and efficient membrane-to-substrate adhesion can be difficult due to these uncontrollable environmental factors. ReadyFlash Technology will help to temper the effects of these environmental variables and increase productivity when adhering single-ply roofing systems.



## ReadyFlash TECHNOLOGY

### FEATURES AND BENEFITS

- » Standard feature on SecurShield flat products and SecurShield HD insulating cover boards
- » Allows the contractor to speed up or slow down adhesive flash-off time
- » Increases surface temperature of the dark facer up to 50°F above ambient temperature
- » Decreases surface temperature of the light facer up to 10°F below ambient temperature
- » Provides up to 2x faster adhesive flash-off on cooler days and up to 4x faster on warmer days when utilizing the dark facer





The pictures above show the temperatures of the facers on a 75F, partly sunny day.

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## ADDRESSING CHALLENGING ROOFTOP SCENARIOS FOR ADHESIVE APPLICATION

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1. On a hot, sunny day the adhesive is flashing off before prior to the crew completing application. Consider installing the light facer up to slow down adhesive flash-off time.
2. On a cold day, the adhesive flash-off is taking longer than desired. Consider installing the dark facer up to speed up adhesive flash-off time and improve productivity.
3. The applied bonding adhesive on EPDM membrane is flashing off quicker than the applied adhesive on the insulation. Consider installing the dark side up so the adhesive on both surfaces can flash-off at the same time when applying bonding adhesive to both the membrane and insulation simultaneously.

**For more information, contact your local Carlisle manufacturer's representative.**