

Carlisle's ChannelDry Next-Generation Roof System

As the industry leader in warranted commercial roofing systems, Carlisle SynTec takes pride in its tradition of continuous innovation. With the introduction of ChannelDry EPS Insulation, Carlisle continues to shape the evolution of the commercial roofing industry through the development of world-class products.

Carlisle's ChannelDry Insulation is ideal for new construction projects with structural concrete or lightweight structural concrete roof decks. The use of ChannelDry in conjunction with the one-way and two-way relief vents allows the installation of the roof system to begin upon structural cure of concrete.

ChannelDry[®] EPS Insulation

INSTALLATION

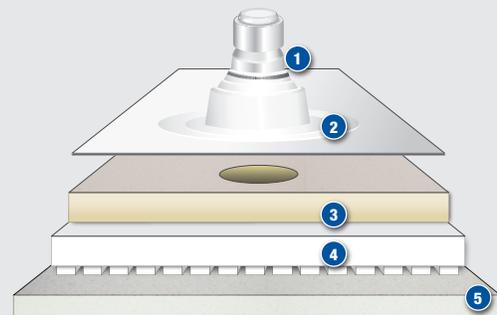
ChannelDry is compatible with ballasted, mechanically fastened, induction welded, and adhered roofing systems. ChannelDry can be installed loose-laid, fastened, or adhered with Carlisle's Flexible FAST adhesive to accommodate the roofing system application.

FEATURES AND BENEFITS

- » Allows installation of roof system to begin upon structural cure of concrete
- » Facilitates air movement within roofing system
- » Compatible with structural concrete and structural lightweight concrete decks
- » Recessed feet along edges of board to facilitate airflow
- » Compatible with mechanically fastened, ballasted, induction welded and adhered (only with cover board or additional ISO) roof systems
- » Additional layers of adhered insulation permitted above ChannelDry
- » R-value of 7.1 per 2" thick board
- » Contains up to 25% recycled material with 100% recyclable foam core

MAINTAIN PROJECT TIMELINE

The use of ChannelDry in conjunction with the one-way and two-way relief vents allows the installation of the roof system to begin upon structural cure of the concrete deck. Carlisle's One- and Two-Way Pressure Relief Vents are engineered to reduce moisture and release trapped air pressure within the roofing system. One-Way Vents allow trapped air pressure to escape; Two-Way Vents (combined with One-Way Vents) help to reduce moisture.



- 1 Pressure Relief Vent
- 2 Carlisle Approved Membrane
- 3 SecurShield[®] Polyiso Insulation
- 4 ChannelDry[®] Vented EPS Insulation
- 5 Wet Structural Concrete Deck

ChannelDry Roof Assembly

1. ChannelDry is installed directly to the concrete deck.
2. Additional layer(s) of insulation are permitted above ChannelDry.

Review Carlisle specifications and details for complete installation information.