

SIPLAST LIGHTWEIGHT INSULATING CONCRETE BULLETIN:

QUALITY CONTROL ACCEPTANCE CRITERIA FOR GUARANTEED DECKS AND SYSTEMS

Bulletin #3: SRIS-964

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SIPLAST*FLASH*

Siplast recommends an on-site program of physical inspection and testing of the deck for confirmation that the Siplast Lightweight Insulating Concrete pour is acceptable.

We believe that this is a sound approach to ensuring that the in-place deck meets the intended requirements. Proper timing of the inspection will allow any necessary corrective action to be taken before roofing begins.

Proper on-site inspection consists of three components:

1. During mixing and application of the LWIC system.
2. Base ply fastener withdrawal testing.
3. Overall visual inspection of the completed deck surface.

The acceptance criteria for issuance of a performance guarantee are as follows:

1. Minimum base ply fastener withdrawal of 40 pounds per fastener. Frequency of one withdrawal test per 100 squares. A minimum of four withdrawal tests per roof area.
2. Lightweight insulating concrete surface acceptable for receiving the roofing membrane.

A fastener withdrawal test procedure using a commercial fastener withdrawal device, such as a Com-Ten Scale, model #301W-1M or #361W-0100, or a spring scale is acceptable.

Refer to SLIC Bulletin #5 for further information.

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