

## SIPLAST LIGHTWEIGHT INSULATING CONCRETE BULLETIN: INSULCEL ON SLOTTED METAL

Bulletin #2: SRIS-963

December 19, 2023

### SIPLAST*FLASH*

Siplast's position on placing Insulcel over metal decks is as follows: The **preferred** metal is bottom-slotted with a nominal open area of 0.5%. Non-slotted metal is an **acceptable** substrate and should be used in hot, arid climates. Both decks meet guarantee criteria.

The primary reason for using slotted metal is to assist in the alleviation of incremental moisture from exposure to rain prior to roofing. This moisture enters the cellular concrete systems via their natural curing cracks.

Placing Insulcel over slotted metal with open area reduced to approximately 0.5% minimizes the amount of run-through at time of placement while eliminating moisture entrapment that may occur from rainwater intrusion.

PG:MC

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