

Fluid Applied Thermal Insulation

CIC Heat Block applied to the interior of a Metal Warehouse for Thermal Insulation.



ACS CIC 4.0 was applied to the interior of a Metal Warehouse to block solar heat loading and thermal heat transfer.

Product: ACS CIC 4.0 **Date:** June 2019

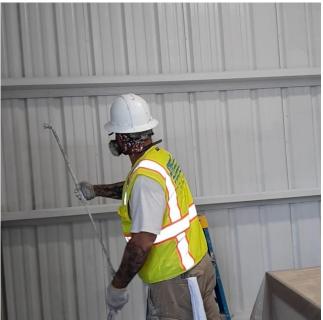
Goals: Reduce Solar Heat Load, Reduce Thermal Heat Transfer,

Lower The Interior Temperature Of The Warehouse.

Reduce Heat Load caused by Solar Radiation

This is a metal building that is being used as a warehouse. The building gets uncomfortably warm when the sun heats up the medal and radiates into the building. During a remodel a 40 mil application of ACS CIC 4.0 was installed. The first coat was a tack coat of 12 mil, the second coat was 20 mil and the final coat was will be 8 to 10 mil. 40 mil is 1 mm or about the thickness of a quarter.





ACS CIC 4.0 was applied with a Graco Gmax II 5900 Gas Airless Paint Sprayer using a 624 tip for the first 2 coats and 621 tip for the final coat. The metal beams were sprayed to create a continous membrane and prevent thermal bridging. It was easily sprayed in irregular areas.