

THERMALSAFE® NC (NON-COMBUSTIBLE) PANEL

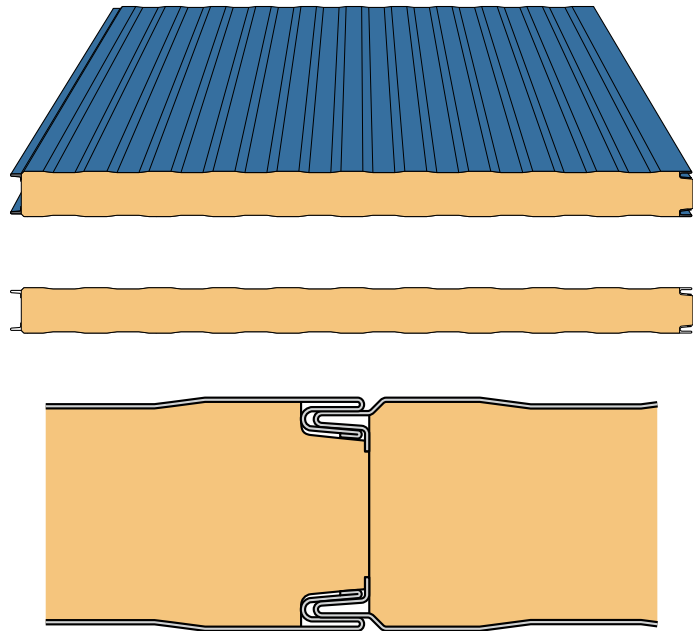
METL-SPAN INSULATED METAL PANELS



ThermalSafe® NC is Metl-Span's latest insulated metal panel designed for non-combustible wall construction. The panel consists of a 3" thick structural mineral wool core bonded to steel facings.

ThermalSafe NC insulated panels offer a level of flexibility unattainable with cement block or gypsum wallboard. The panels can be erected in a single-step with one crew as an exterior or interior non-combustible wall. ThermalSafe NC panels may be installed without sealant in the side joint for partition wall applications when a vapor seal is not required, greatly enhancing installation speed.

ThermalSafe NC insulated metal panels are made from raw materials that are environmentally friendly and have no VOCs and CFCs that affect the ozone layer or blowing agents that add to global warming potential.



THERMALSAFE® NC (NON-COMBUSTIBLE) INSULATED PANEL FEATURES

Exterior & Interior Profile: Light Mesa nominal 1/32" deep

Panel Core: Non-combustible, rigid mineral wool lamellas. Mineral wool fibers are oriented perpendicular to the panel faces for maximum structural strength.

Thermal Values: K-factor of .275 btu/sf/hr./deg.F at a 75°F (24°C) mean temperature

Module Width: 42"

Panel Thickness: Nominal 3"

Panel Lengths: 8'-0" to 40'-0"

Panel Weight, 26 Ga. Faces: 3.93#/s/SF

Exterior Facings: Stucco embossed G-90 galvanized and/or AZ-50 aluminum-zinc coated steel in 26 Ga. and 24 Ga.

Interior Facings: Stucco embossed G-90 galvanized and/or AZ-50 aluminum-zinc coated steel in 26 Ga. and 24 Ga.

Panel Joint: The side joint has a flush, double tongue and groove connection of the metal faces and flush fit-up of the mineral wool core.

R-Value: The core insulating properties are 3.61 "R" per inch

Fastening: Through fastening across the width of the panel to the support framing. Fastening patterns may vary depending on specific wind load requirements.

USES & APPLICATIONS

ThermalSafe NC (non-combustible) insulated panels are ideal for industrial buildings like manufacturing plants, auxiliary buildings at refineries and other at risk for fire building installations. Warehouses of all types are excellent structures for mineral wool panels, where they can be installed as

non-combustible exterior or interior walls. High occupancy structures like sports arenas and gymnasiums, cold storage warehouses, bakeries and other food processing facilities are well suited for ThermalSafe NC panels.

METL-SPAN: Pioneering Insulated Metal Panel Technology

1720 Lakepointe Drive, Suite #101, Lewisville, Texas 75057 • 877.585.9969 • FAX: 972.420.9382

metlspan.com • Visit our website or call us today for a free C&I Product Showcase and CAD Flash drive.

© 2013 Metl-Span a Division of NCI Group, Inc. - All rights reserved. Printed in the U.S.A. METL-13-013