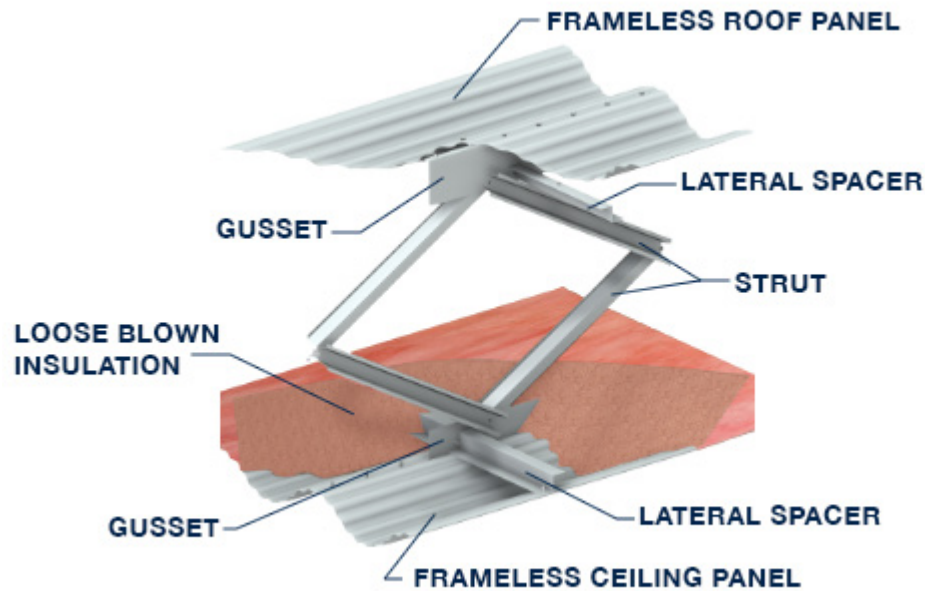# FRAMELESS
STEEL BUILDINGS

Energy Efficiency - Insulation Systems

INDUSTRIAL | COMMERCIAL | RECREATIONAL | INSTITUTIONAL

BEHLEN
STEEL BUILDINGS

Frameless Roof Insulation - Blown in Mineral Wool

FRAMELESS ROOF PANEL

LATERAL SPACER

GUSSET

STRUT

LOOSE BLOWN INSULATION

GUSSET
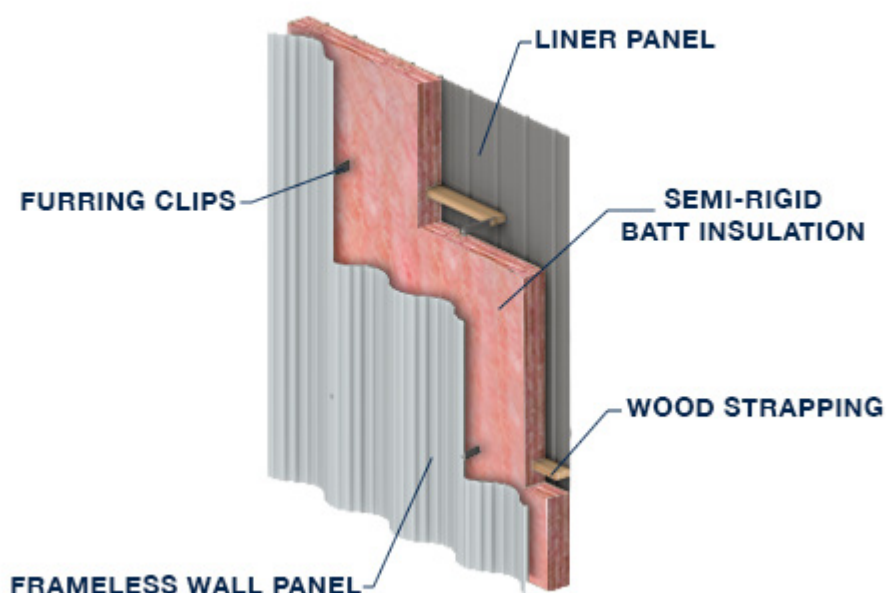
LATERAL SPACER

FRAMELESS CEILING PANEL

FEATURES
- Flexibility to meet energy codes
- Cost effetctive to install and maintain
- Ceiling acts as vapour barrier
- Installation after shell finished
- Steel liner providers strong protection to insulation system
- Protection from elements in enclosed building

BENEFITS
- High thermal performance for heat and cold for compliance with applicable energy codes
- Clean roof appearance
- Ease of installation saves on initial construction and long-term maintenance
- Long-term weather protection backed by warranties

Strut Spacing	Insulation Thickness	Effective U-Value	Effective R-Value
60 in	8" R 3.6/in	0.037	27.2
72 in	8" R 3.6/in	0.035	28.8
60 in	12" R 3.6/in	0.026	38.7

Frameless Wall Insulation - Wood Furring Clips and Strapping

FEATURES

- Flexibility to meet energy codes
- Steel liner panel that acts as integral vapour barrier
- Steel liner available in Galvalume or range of colours to provide attractive and clean finish to the roof
- Steel liner provides strong protections to insulation system
- Cost effective to install and maintain
- Protection from elements in enclosed building
- Option to use other finishing systems

BENEFITS

- High thermal performance for heat and cold for compliance with applicable energy codes
- Clean wall appearance
- Ease of installation saves on initial construction and long-term maintenance
- Long-term weather protection backed by warranties

Description	Insulation Thickness	Effective U-Value	Effective R-Value
Semi Rigid Batt	6.5" R 4.2/in	0.036	27.9
Rigid Batt and Loose to fill cavity	6.5" R 4.2/in + loose	0.030	33.8
Dense Semi Rigid	6.5" R 6.0/in	0.026	38.6
Deep Furring Clip	11" R 4.2/in	0.022	45.9

BEHLEN
STEEL BUILDINGS

BEHLEN
STEEL BUILDINGS

HEAD OFFICE

927 Douglas Street

Brandon, Manitoba R7A 7B3 Canada

E: info@behlen.ca
T: +1-204-728-1188
F: +1-204-725-4932
TF: +1-888-315-1035

www.behlen.ca

CANADA'S **BEST MANAGED COMPANIES**