

PermaTherm architectural insulating building panels with mineral wool cores are in high demand due to their higher fire safety characteristics. In addition to the high resistance to fire and good thermal insulation performance, mineral wool panels offer a notable reduction in airborne sound transfer. Alternative facings for PermaTherm's mineral wool building panels include hot-dipped galvanized steel, Galvalume[®], or stainless steel, and with a variety of architectural surfaces, colors, and textures:

- Non-combustible, with melting temperatures in excess of 1800-2000°F
- Effective when used to prevent the spread of fire, without chemical additives
- Contains up to 75% post-industrial recycled content
- Good thermal and acoustic insulating values
- High strength-to-weight ratio
- Panel systems enhanced with steel, stainless steel, and Galvalume facings
- Surface coatings including silicon protected polyester (Ceram-a-Star), plastisol (Rel-Shield), and polyvinylidene fluoride resin (Trinar)
- Wide specification of panel widths, thicknesses, and lengths
- Integrated joint assemblies for architecturally demanding projects

APPLICATIONS

- Fire-resistant walls, partitions, and ceilings (interior/exterior)
- High-risk chemical & food processing facilities
- Warehouses
- Packing & distribution centers
- Food & drink processing
- Factories & offices
- Supermarkets, fast-food outlets



INDUSTRIES

- Cold storage
- Warehouses
- Blast freezers
- Commercial/industrial buildings
- Health/institutional
- Manufacturing