



Insulated Eko-Therm™ Curtain

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Our *Insulated Eko-Therm™ Curtains* are manufactured using single layer of Eko-Therm™ aluminized Kevlar rated to 500°F continuous and intermittent to 3000°F. Leading the way in user friendly thermal safety protection, Worbo's *Eko-Therm™* products are manufactured from flexible mylar aluminized fabrics to provide a unique combination of thermal insulation and heat reflective qualities. All edges are folded over and hemmed to provide a reinforced perimeter. All hems and seams are stitched using a high temperature, high tensile thread.

Worbo Technology

- *Insulated Eko-Therm™ Curtains* are typically constructed in 3 layers to provide maximum insulation properties to meet or exceed maximum temperature requirements.
- Outer Layers - Constructed from our *Eko-Therm™* blanket, this protective aluminized cover provides excellent abrasion resistance and its unique reflective properties reflect up to 90% of external heat sources away from the *Eko-Therm™* Blanket mirror like surface.
- Middle Layer - Encapsulated between the exterior layers of *Eko-Therm™* is a layer of Insulmat™ insulation medium consisting of needled fibreglass composed of 100% E type glass fibres. Depending on the application requirements this layer may vary between ½" to 1" thick.
- Worbo offers a wide variety of hangers and fasteners to facilitate easy removal and re-installation of the *Eko-Therm™ Curtain*. These fasteners include grommets, turned over rod pockets, ¼ turn fasteners, hook and loop (Velcro®), snaps, etc.

Dimensional Data

Available in virtually any size and dimension.

Temperature

Rated to 500°F (260°C) continuous, intermittent to 3000°F (1649°C).

Environmental Resistance

Excellent resistance to ozone, oxidization, UV, corona, cosmic radiation, ionising radiation and weathering in general.

Flammability

1.0 second flame resistance after flame – ASTM D6413
13 mm char length – ASTM D6413

Radiation Reflectivity

15 seconds – MIL-C-24929A

Breaking Strength

- ... Warp 1780 N – ASTM D5034
- ... Fill 1335 N – ASTM D5034

Adhesion foil / fabric

No separation



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