

VBLOK TG-1 "Thermaguard"

Category: Thermal Control

Technical Data Sheet

TG-1 is a premixed composite consisting of 80% microscopic vacuum filled, glass beads. These precisely manufactured beads are held in suspension by a high-grade latex acrylic emulsion. This combination yields a lightweight, pliable product that expands and contracts with the surface to which it is applied. Two layers of material 15 mil thick will yield an R-12 equivalent thermal insulation value. TG-1 is a cost effective, energy efficient product that can be used on a variety of hot and cold surfaces.



Benefits:

□ TG-1 is environmentally friendly, containing no toxic or hazardous substances or materials.
□ Adheres to virtually any material and eliminates the potential for surface corrosion.
□ TG-1 is a one-part insulating coating for surface insulation, personal protection and corrosion protection.
□ TG-1 may be applied to a clean working surface up to 300°F.
□ When applied to the inside of vehicle outer body panels, interior temperatures may be significantly reduced.

Properties:

| Color | White |
|------------------|-----------------------|
| Finish | Flat |
| Weight | 0.22 lbs./ft. |
| Volume Solids | |
| Boiling Point | 212 degrees F. |
| Specific Gravity | |
| Package Life | 1 year |
| Flash Point | Non-combustible |
| Coverage | 50 sq.ft./gal @15 mil |