DESCRIPTION: Closed-cell polyisocyanurate (polyiso) foam core integrally bonded to reflective tri-laminate foil facers. ACFoam® Supreme is offered in a variety of thicknesses, providing long-term thermal resistance (LTTR) values from 5.7 to 26.8. Available in 4 ft x 8 ft (1220mm x 2440mm) and 4 ft x 4 ft (1220mm x 1220mm) panels. Manufactured in accordance with ASTM C1289, Type I, Class 1, Grade 2 (20 psi) or Grade 3 (25 psi) and CAN/ULC-S704 Type 2, Class 1 or Type 3, Class 1.

ADVANTAGES: Reinforced foil facers provide increased dimensional stability as well as decreased potential for water absorption and water vapor transmission. ACFoam® Supreme is manufactured using CFC-, HCFC- and HFC-free foam blowing technology with zero ozone depletion potential (ODP) and virtually no (negligible) global warming potential (GWP). Not designed as a substitute for an vapor/air retarder. ACFoam® Supreme contains between 13.7% and 11.5% recycled materials by weight (Atlas Technical Bulletin: TB-2).

APPLICATION: Manufactured and tested for use in new and re-roofing applications. ACFoam® Supreme is typically specified for cold storage and metal building applications. Used in metal roof systems as well as mechanically attached and ballasted single-ply membrane systems. Refer to FM Approvals® RoofNav and UL Online Certifications Directory for additional application details. Should not be used in hot asphalt, torch applied or adhered systems.

INSTALLATION: ACFoam® Supreme shall be kept dry before, during and after installation. This product will burn if exposed to an ignition source of sufficient heat and intensity. Do not apply flame directly to ACFoam® Supreme insulation. Refer to product packaging and PIMA Technical Bulletin #109 for storage and handling recommendations. An offset or staggered multi-layer application of ACFoam® is strongly recommended when the total insulation thickness exceeds 2.7” (Atlas Technical Bulletin: TB-5) Typical field fastening requirements can be obtained from membrane system manufacturer or FM Global Property Loss Prevention Data Sheets 1-29.

Prior to installation, Atlas Roofing Corporation recommends that you consult your local building codes, contract documents, professional engineer, FM Global, Miami-Dade County and membrane manufacturer for additional installation guidelines as well as design enhancements.