



INNOVATIONS FOR LIVING®

INSULATION SYSTEMS FOR COMMERCIAL BUILDINGS

2009





THERMAL BATT INSULATION FIBERGLAS™ INSULATION

APPLICATION: Steel and wood frame construction, covered

FEATURES AND BENEFITS

- Flexible fiber glass insulation 3½" to 12" thick available unfaced, foil faced or kraft faced and R-values from 11 to 38
- Sized for metal or wood framing; can be stapled or friction-fit. Easy to handle and install. Trim and fabricate with a utility knife

- Meets thermal specifications
- Helps reduce interior noise
- Noncorrosive to steel, aluminum or copper and will not rot or mildew. Dimensionally stable and will not slump in the wall cavity
- SpaceSaver packaging reduces freight and streamlines handling



FLAME SPREAD 25/FLAME SPREAD 25 EXTENDED FLANGES FIBERGLAS™ INSULATION

APPLICATION: Steel and wood frame construction, exposed

FEATURES AND BENEFITS

- Light-density, flexible fiber glass batt insulation with low flame spread FSK or PSK facing and R-values from 11 to 30
- Meets thermal specifications
- Meets building code requirements for exposed applications, thereby eliminating the need for a covering or separate finish

- Helps improve acoustical performance
- Easy to install and fabricate with flanges for installation in framing applications. Widths accommodate metal and wood framing



SOUND ATTENUATION BATT INSULATION FIBERGLAS™ INSULATION

APPLICATION: Interior walls

FEATURES AND BENEFITS

- Light-density, flexible fiber glass unfaced insulation batts in thicknesses of 2½" and 3½"
- Sound Attenuation Batts can improve Sound Transmission Class (STC) ratings by 4 to 10 points, depending on the construction method used
- Classified as noncombustible by model building codes. When installed in wall systems and tested per ASTM E 119, assembly fire resistance ratings up to 2 hours can be achieved

- Sound Attenuation Batt Surface Burning Characteristics meet the code requirements for all building types as described in the International Building Code (ICC)
- Adhesives and fasteners are not required
- Easily cut to fit around wires, pipes, electrical service boxes and other obstructions, Sound Attenuation Batts are simply pressed into the space between metal studs for friction-fit installation

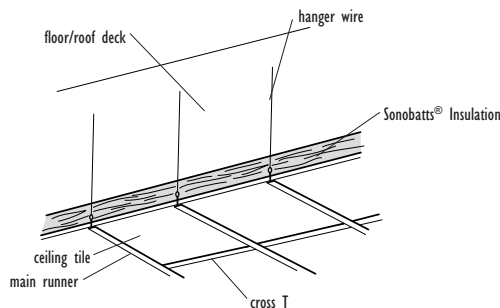
SONOBATTS® INSULATION FIBERGLAS™ INSULATION

APPLICATION: Suspended ceilings

FEATURES AND BENEFITS

- Flexible fiber glass insulation available unfaced or kraft faced in R-values from 11 to 38 and thicknesses from 3½" to 12"
- Ideal for renovation and remodeling projects; install in suspended ceiling systems by simply laying the product on top of the ceiling panels

- Because Sonobatts® Insulation has excellent thermal resistance, it may be possible to reduce the size and/or operating cost of HVAC equipment
- Significantly improves ceiling STC ratings by 4 to 10 points. *Sonobatts* Insulation has been tested for air erosion (according to UL 181) and can be used in a return air plenum at air velocities up to 1000 fpm for acoustical benefit





CURTAINWALL INSULATION FIBERGLAS™ INSULATION

APPLICATION: Modular, non-load bearing curtain wall systems

FEATURES AND BENEFITS

- Intended for all curtainwall systems
- Semi-rigid board product with R-values to R-17.4
- Large custom sizes are easy to handle, fabricate and install

- Dimensional stability assures in-place performance
- Unfaced or foil-reinforced-kraft vapor retarder provides excellent moisture control
- Ideal for friction-fit, impaling pin or adhesive installation



FIBERGLAS™ 700 SERIES INSULATION FIBERGLAS™ INSULATION

APPLICATION: Semi-rigid and rigid board for wall, equipment or irregular surfaces

FEATURES AND BENEFITS

- Available in a standard 24" x 48" size, these products can also be furnished precut to fit specific dimensional requirements in sizes up to 48" x 96"
- FIBERGLAS™ 700 Series meets most thermal specifications with ease because it is available in a range of R-values and thicknesses

- FIBERGLAS 700 Series meets building code requirements for unfaced or faced exposed applications because of its low surface burning characteristics
- Reliable long-term performance; will not shrink, warp, rot or mildew. Is noncorrosive to steel, aluminum and copper
- Easy to handle, fabricate and install with a range of densities and sizes, assuring optimal material usage



QUIETZONE® SHAFTWALL INSULATION FIBERGLAS™ INSULATION

APPLICATION: Metal stud and gypsum board shaftwall partition systems

FEATURES AND BENEFITS

- QuietZone® Shaftwall Insulation reduces the amount of airborne sound transmitted through the shaftwall to the adjoining space. Depending on the construction method used, QuietZone Shaftwall Insulation can reduce the amount of airborne sound transmitted through a shaftwall by as much as 5 to 7 dBs
- QuietZone Shaftwall Insulation is sag-resistant and will not slump within the wall cavity during building vibration. QuietZone Shaftwall Insulation is also dimensionally stable

- The insulation's inorganic glass fiber construction is inert and will not rot or mildew
- QuietZone Shaftwall Insulation is lightweight and easy to handle. It is precut in 4' or 8' lengths for easy one-step installation. Batts are conveniently sized 1/8" wider than standard stud spaces and can be pressed into place for friction fit. No adhesives or fasteners are required. QuietZone Shaftwall Insulation can be easily cut to fit around wires and obstructions such as outlets and junction boxes



FOAMULAR® EXTRUDED POLYSTYRENE RIGID FOAM INSULATION

APPLICATION: Exterior wall, roof, under-slab and foundation

FEATURES AND BENEFITS

- Available in a wide variety of standard sizes, thicknesses and compressive strengths to meet the requirements of nearly every application. High-strength FOAMULAR® Insulation products meet the challenge of under-slab and foundation applications. Compressive strengths range from 15psi to 100psi
- Suited for diverse applications such as cavity walls, steel- or wood-framed wall sheathing, furred walls,

- foundation walls, precast and tilt-up concrete walls, under concrete slabs and in plaza decks. Ideal for roofing applications including single-ply, tapered, BUR and protected membrane systems
- FOAMULAR Insulation is easy to handle and install. Extruded polystyrene insulation is lightweight, durable and impact-resistant, which helps reduce job site damage
- Excellent moisture resistance



HIGH-R CW PLUS EXTRUDED POLYSTYRENE RIGID FOAM INSULATION

APPLICATION: Masonry cavity wall

FEATURES AND BENEFITS

- High insulating R-values specifically designed for the masonry cavity wall, achieving R-10 at 1 3/4" and R-12 at 2 1/8"
- High-R CW Plus Insulation gives the designer the opportunity to increase the air space while maintaining the same thermal performance as a standard 2" extruded polystyrene board

- Closed-cell structure and continuous skin surfaces
- Excellent resistance to moisture for long-term retention of insulating performance
- Available in two thicknesses with square edges and precut to 16" widths
- Rigid foam panels handle, score and cut with ease for labor-saving installation



WEEPGUARD®

RIGID FOAM INSULATION AND DRAINAGE MAT

APPLICATION: Masonry cavity wall insulation and mortar drop protection

FEATURES AND BENEFITS

- Combination of extruded polystyrene foam insulation and a mortar control device which allows the cavity to drain
- Combination of two products in one eliminates additional labor step of installing a separate mortar control device
- Prevents weep hole blockage by mortar droppings

- Helps stop moisture buildup in the cavity, which can lead to mold and mildew problems
- Unique flap automatically unfolds when WeepGuard® is installed and adjusts to any cavity size
- Required on the bottom course only—economical with no additional labor to install



PINKCORE® EXTRUDED POLYSTYRENE RIGID FOAM INSULATION AND TIES

APPLICATION: Precast and site-cast concrete sandwich walls

FEATURES AND BENEFITS

- PinkCore® Extruded Polystyrene Insulation and Ties are specifically designed for use in site-cast or precast insulated concrete sandwich wall panels
- Provides a fast, efficient, cost-effective method of improving the thermal performance of commercial buildings
- Using PinkCore Insulation and Ties, the panel is insulated during casting, prior to erection

- Since the insulation is "sandwiched" between the interior concrete wythe and the fascia wythe, the panel maintains hard, durable concrete surfaces, both inside and out
- Manufactured from extruded polystyrene foam, PinkCore Insulation provides a stable R-value of 5.0 per inch. Since an uninsulated 8-inch wythe of concrete has an R-value of less than one, the addition of 2, 3 or 4 inches of PinkCore insulation dramatically improves the thermal performance of a building (R-values of 10, 15 and 20, respectively)

CERTIFIED R METAL BUILDING INSULATION FIBERGLAS™ INSULATION

APPLICATION: Roof and walls of pre-engineered metal buildings

FEATURES AND BENEFITS

- A light-density glass fiber blanket designed for use as part of the insulation system in the roofs and walls of pre-engineered metal buildings. Certified R Metal Building Insulation is designed to be laminated with a variety of appropriate facings for attractiveness, abuse resistance and moisture control

- It is available in standard R-values of 10, 11, 13, 16 and 19. R-25 is available as special order item. Standard roll widths are 36", 48", 60" and 72". Selected made-to-order widths are also available



METAL BUILDING INSULATION ELAMINATOR® INSULATION SYSTEM FIBERGLAS™ INSULATION

APPLICATION: Metal building roof assemblies

FEATURES AND BENEFITS

- ELAMINATOR® Insulation System offers the 100 and 300 Series patented machines to insulate metal building roof assemblies. The ELAMINATOR is available for any project through a nationwide coverage of Owens Corning franchised laminators
- The ELAMINATOR 300 Series machines meet OSHA requirements to provide fall safety protection while enhancing roof-sheeting productivity. Each project has a qualified operator who is in the Owens Corning Certified ELAMINATOR Operator Program (CEOP)

- ELAMINATOR Sculpture Profile™ provides a uniform interior appearance without exposed seams where the facing vapor barrier overlaps the top of the purlins. The profile provides exposed purlins, meeting thermal performance for most buildings (100 or 300 Series)



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