

# insulation

FIBERGLASS BATT INSULATION, WE HAVE FOUND, IS THE SAFEST AND MOST ECONOMICAL TYPE FOR OUR DOMES.

SOME DOME COMPANIES CLAIM THEY CAN GET AN R-35 USING 2X4 CONSTRUCTION. BUILDING CODES ALLOW ONLY A MAXIMUM R-VALUE OF 6.25/INCH FOR FIGURING FOAM-INSULATING VALUES. MULTIPLY THAT TIMES 3 1/2 THICK STRUTS AND YOU GET AN R-22.

OTHER COMPANIES ALSO SAY THAT THERE ARE VASTLY DIMINISHING RETURNS BEYOND A CERTAIN R-VALUE. CURRENTLY, THE MINIMUM CEILING R-VALUE FOR THE NORTHERN TIER OF THE U.S. IS R-38. 25 YEARS AGO THESE SAME AUTHORITIES WERE SUGGESTING AN R-19 CEILING. HOW WILL IT CHANGE IN THE FUTURE? WHY BUILD A DOME HOME WITH 2/4 S OR 2X6 S THAT STARTS OUT 25 YEARS BEHIND THE TIMES?!

YOU ACTUALLY PAY SUBSTANTIALLY LESS FOR A NATURAL SPACE DOME WITH AN R-44 VALUE THAN YOU DO FOR THE COMPETITION S DOME WITH AN R-30!

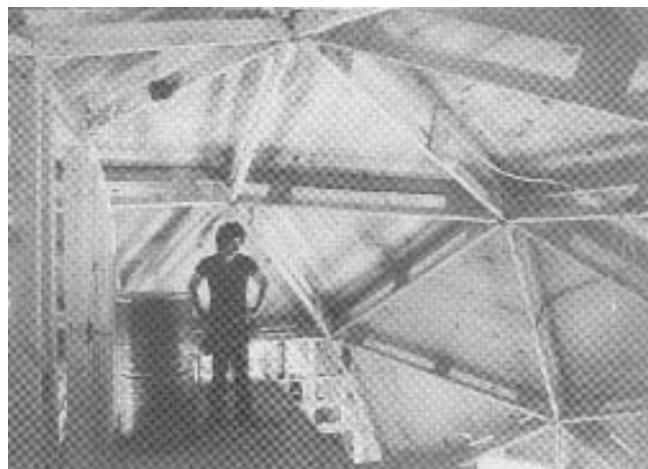
WE OFFER INDUSTRIAL TYPE DENSE BATTS IN VARIOUS THICKNESSES OF 6 , 8 AND 9 1/2 . WE PUT IN 2 LAYERS CREATING 12 , 16 AND 19 . WE ALSO OFFER WIDTHS OF 60 , 72 AND 96 . THIS ALLOWS FOR ONE-PIECE TRIANGLES WITH NO SPLICES AND QUICKER INSTALLATION.

OTHER INSULATION TYPES ARE:

SPRAYED URETHANE FOAM- DOES NOT REQUIRE CONDENSATION VENTILATION IF DONE PROPERLY. BECAUSE OF HIGH INSTALLED COST, THIS TYPE IS USUALLY USED FOR LARGER, COMMERCIAL DOMES.

RIGID INSULATION BOARD- THIS TYPE WILL WORK ONLY IF PROVISIONS ARE MADE FOR AT LEAST 1 1/2 OF VENTILATION SPACE BETWEEN THE OUTSIDE SHEATHING AND THE INSULATION. ITS R-VALUE IS TWICE THAT OF FIBERGLASS BUT ITS COST IS FOUR TIMES GREATER

CELLULOSE, KYNENE , LAMB S WOOL, NATURAL COTTON ARE SOME OF THE OTHER INSULATIONS CURRENTLY AVAILABLE. WE CAN HELP YOU FIGURE OUT WHAT S BEST FOR YOU.



# roofing

THE DOME IS ESSENTIALLY ALL ROOF. LEAKY DOMES ARE CAUSED BY INCORRECT ROOFING APPLICATIONS AND POORLY DESIGNED AND INSTALLED SKYLIGHTS. THE NATURAL SPACES COMPLETE DOMES BUILDING SYSTEM INSURES A WATERTIGHT AND LEAK FREE HOME FOR YEARS TO COME.

OUR ILLUSTRATED CONSTRUCTION MANUAL SHOWS YOU OR YOUR BUILDER ROOFING TECHNIQUES THAT WE HAVE PERFECTED OVER THE LAST 25 YEARS IN THE DESIGN AND CONSTRUCTION OF SEVERAL HUNDRED DOMES.

OUR EXPERIENCE IS YOUR GAIN.

