

# Wildcat

## ALUMACAT™

### WILDCAT ALUMACAT™ VACUUM-BOND CONSTRUCTION

**AlumaCat™ Vacuum-Bond Construction is the superior construction standard on all Wildcat recreational vehicles. Sidewalls and floors are vacuum-bonded together to create the lightest, yet strongest construction available in the RV industry today.**

#### **2" THICK HIGH-GLOSS GEL COAT SIDEWALL CONSTRUCTION**

AlumaCat™ Vacuum-Bond Construction starts with the 5-layered sidewall standard on all Wildcat product. The frame of the sidewall is created with aluminum tubing that provides a sidewall that is lightweight, yet strong. This advanced framing technique will never rot, warp, deteriorate, mold, or mildew. The aluminum tubes are welded together, not screwed, to ensure a lifetime of structural integrity. The sidewalls are then filled with high-density block foam that creates a wall with R-10 insulation properties as well as sound-deadening qualities. In order to provide a secure anchor-point for interior walls and cabinets, a layer of electro-galvanized sheet metal (EGS) is strategically placed on the interior side of the aluminum and foam wall assembly. On top of the EGS, a layer of decorative plywood board is laminated to the aluminum and foam wall assembly providing a residential look that is extremely resistant to damage and punctures. The exterior layer of the sidewall is formed utilizing a one-piece, true high-gloss, T-60 composite fiberglass panel from Crane Composites. Crane's state-of-the-art high-grade construction process ensures a premium high-gloss surface with a smooth gel-coated finish plus optimum sidewall performance, providing a dent, corrosion, and mold resistant outer skin. This exterior fiberglass wall looks great, is extremely durable, and is easy to clean. The fifth layer of the sidewall is a plywood panel that is bonded between the fiberglass and the aluminum and foam wall assembly. This additional layer provides increased strength and a smooth exterior appearance.

#### **2" THICK HIGH-GLOSS GEL COAT SLIDE ROOM CONSTRUCTION**

On every Wildcat recreational vehicle, you will find a slide room enhancing the livability and function of the RV. Since slide out construction is critical to the long term performance and durability of your Wildcat, AlumaCat™ advanced construction techniques are utilized in the slide rooms too. In order to save money, many manufacturers choose to use non-laminated fiberglass walls in the slide room end walls. Not at Wildcat! Using the same advanced construction techniques found in the sidewalls, all three walls of the slide out are built using our 5-layer, 2" thick, aluminum framed vacuum-bonded construction, offering lightweight yet strong construction that also provides R-10 insulation and sound-deadening properties all around. A Wildcat RV is unique in that the SLIDE OUT ROOF is also aluminum framed and bonded with high-density block foam to create a slide out roof strong enough to walk on.

#### **2" THICK FLOOR CONSTRUCTION**

Traditional RV floor construction often flexes in the middle of the coach where the holding tanks are located. However, with AlumaCat Vacuum-Bond Construction, Wildcat utilizes a 5-layered, 2" thick floor system that is lightweight and strong, virtually eliminating the flex commonly found in RV floor construction. Wildcat's laminated floor system features industrial-grade aluminum tubes welded together and insulated with high-density block foam, providing R-14 insulation properties. For maximum strength and reduced flex, a one-piece, 5/8" thick layer of oriented strand board is bonded on the top of the aluminum and foam floor assembly. On the bottom of the floor a layer of plywood is bonded to the floor assembly which is then bonded to a final layer of Darco polypropylene wrap vapor barrier. Another benefit of AlumaCat Vacuum-Bond Construction is that the resulting 2" thick seamless floor is virtually squeak-free. Unique to Wildcat, the upper bath deck also features the AlumaCat Vacuum-Bond Construction floor system providing strength and insulation where other manufacturers simply mount wood decking over their framing. This is easily seen inside their pass-through storage area – visible aluminum framing in the ceiling of this area means the floor is not insulated.

