

RED TAIL RANCH

CASE STUDY

 **EQUESTRIAN
APPLICATIONS**



RED TAIL RANCH is the largest multi-discipline equestrian facility in the Colorado Springs area. Owners Darren Kaberna and his family had been boarding horses for about five years when they decided it was time to take ownership of a 147-year-old historic staple. They bought the eighty-eight-acre Red Tail Ranch in 2019, paying homage to the previous owners, keeping the original name while keeping some of the original ranch's old west traditions alive.

The Kabernas' quickly realized that growing a state-of-the-art community equestrian center requires expansion. When researching what kind of building they would go with for their riding arena, size greatly influenced the type. The width of their building determined they could not do a pole-barn style arena as it would not be wide enough to provide them with the clear span space needed for multiple riding activities. That led to steel, but Kaberna has a background in farming and knew what steel buildings sounded like in the rain, and that added noise isn't good for the horses.

LOCATION

Woodland Park, CO

MARKET SECTOR

Equestrian

APPLICATION

**Dressage
Arena**



SIZE

140 ft x 220 ft (30,800 sq ft)

BUILDING FEATURES

**Clear span riding space,
three overhead coil doors
for cross breezes and
equipment access**

INSTALLATION

Legacy in-house crews



LEGACY
BUILDING SOLUTIONS





Kaberna wasn't as familiar with fabric as a building material but stumbled upon it during his research and quickly fell in love with the concept. Legacy Building Solutions' (Legacy) use of rigid steel I-beam frames and patented attachment system encouraged Kaberna to partner with Legacy. Susan Fowler, Legacy's project and building design consultant specializing in the equestrian niche with over 25 years of experience, worked with the Kabernas in getting them a clear span multi-discipline arena and an economical and inviting building for riders and horses. "Legacy's building design achieved a simple, clean look compared to other fabric building manufacturers," stated Kaberna.

The benefits of fabric did not stop at a quiet building and a polished look; the arena is uninsulated with a white ExxoTec™ PVC fabric roof, allowing the arena to be flooded with natural light, which is not only beneficial to the horses but riders as well. Additionally, how fabric holds up in all types of weather really speaks to its versatility and resilience.

Legacy is headquartered in Minnesota, so we are no stranger to extreme weather. Colorado, like Minnesota, can get some erratic weather conditions. This includes snowstorms and blizzards in June and extreme heat during July and August - choosing to go with an uninsulated building in Colorado can be considered "risky," but with ExxoTec's™ thermally non-conductive properties and Legacy custom designing Red Tail Ranch's arena sidewalls and end walls with a darker fabric helps to trap heat, creating a warmer space to ride in the winter months. In the summer months, the building features three coil overhead doors on end walls, allowing cross breezes.

Being in the mountains, fifty-mile-per-hour winds and snow are big factors in building design. Legacy custom

engineers each building for all geographical locations. Occupying the building for over a year, Kaberna has nothing but praise for the strength and rigidity Legacy's tension fabric buildings provide in Colorado's ever-changing landscape.

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A challenge with installing a building of this magnitude is the weather. The installation of Kaberna's arena had to overcome some of mother nature's challenges with installation during winter, along with some timing and delivery issues resulting from weather, as well as learning how to work with the soil. When working with a building manufacturer, these things need to be considered to get the building within your timeline. Legacy communicated with the Kabernas regarding their building, timing and what obstacles lay ahead. In the end, Kaberna regarded the Legacy team as "amazing" and appreciated the open line of communication and respectful conduct maintained throughout the whole process.

Having had the opportunity to experience a fabric building and working with a company like Legacy, Kaberna looks at fabric as a no-brainer and cannot think of an industry in which fabric couldn't be useful. If done over, he wouldn't even bother shopping, a tension fabric building from Legacy would be his first call. "I couldn't be a happier client. I'm a big fan."