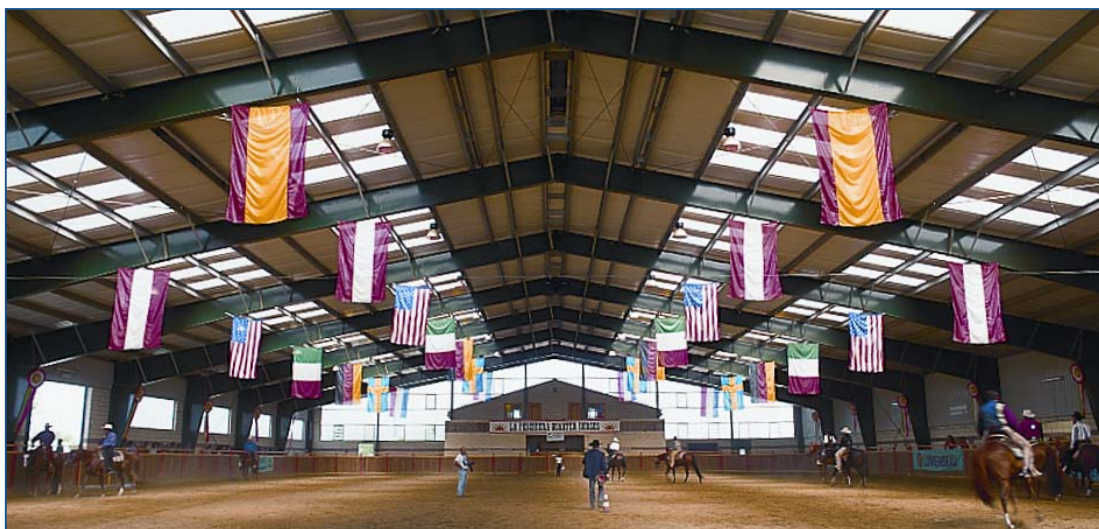




Equestrian Centers

Light, wide, open space is a key requirement for equestrian centers. Also important is good thermal and acoustical insulation, especially if the center is to be used for more than just exercise and riding. Expertise in meeting these requirements has allowed Astron builders to construct 12 major equestrian centers in Europe, with a concentration in Northern Italy.



For example, the « Azienda Agricola La Peschiera » located in Caluso, not far from Torino (Italy), breeds and shows quarter horses. To practice this American « cowboy » style sport, they needed a riding hall with an arena at least 40m wide and 60m in length. Such a wide clear span was only economically viable when built in steel.

Standing only 1.60m on average, the small, muscular quarter horse is trained for agility and is renowned for its extremely strong rear legs. In shows and displays, the rider manoeuvres his mount around barrels, at the gallop, mirroring to a large extent the purpose for which the breed was established; cutting out individual animals from a herd.

ASTRON supplied a 40,70m clear span building, 72m long, providing a surface area of $\pm 2880\text{m}^2$. Multiple rows of translucent panels are lined up in the roof to allow natural light inside the building. The center also includes stables, a stud and a veterinary clinic.

In operation, it was found that the ASTROTHERM insulation in the roof, which provides efficient thermal insulation, also proved ideal to absorb the considerable noise created during shows which, due to their popularity, attract large audiences.

La Peschiera 's equestrian center, one of the first of its kind in Italy, is a fine reference for ASTRON 's versatility and its builder 's expertise. A model of the building was displayed on a stand at the « Fiera cavalli di Verona » exhibition.



Technical details:

Construction time:	April – Oct. 1994
Building type:	AZM1
Dimensions:	72.70 x 42.40 m
Clear span of riding arena:	40.70 m
Floorspace:	± 3,000 m ²
Height to the gutter:	5.70 m
Roof slope:	20 %
Roof system:	PR
Wall system:	PA

Particularities:

- Excellent noise absorption provided by the ASTROTHERM insulation

General information:

Builder:	Ronco Fratelli
Customer:	Azienda La Peschiera
Architect:	Guido GIONO

Advantages for the customer:

- One supplier
- Fast implementation of the project
- Freedom of internal layouts
- Good price/quality ratio
- Excellent quality
- ISO 9001 - Certification

A glance on a Norwegian reference



This center located in Hammerfest (N), the most Northerly city in the world, was built during winter 2002/2003 by Builder Naeringsbygg AS. It is designed to resist the extremely high wind and snow loads of this polar area.



ASTRON BUILDINGS S.A.
Route d'Ettelbruck • P.O. Box 152 • L-9202 Diekirch
Tel +352 80291-1 • Fax: +352 803466
E-mail: info@astron.biz • Internet: www.astron.biz

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