

## Covering – Technical Specs Sheet

# Agoratop

### Equipment

Made of a wood and steel framework and a stretched textile membrane, specially designed for resistance to weather conditions at the install site (Ferrari prestressed textile membranes properties include a very long lifespan and exceptional dimensional stability).

### Materials and manufacture

Framework **posts and beams** are made of **glued laminated wood**: lightweight, very long **bearing elements** that are **extremely resistant, non-deformable**, in a straight or curved shaped. **Posts** are deep-treated to **class "H3"** standards allowing the glued laminated wood to be used for **outdoor, weather-exposed applications**, taking care however to avoid any contact between the wood and the ground. **H3 treatment** also makes it possible to exceed a **20% humidity rate**. **Beams** are treated "**class 2**" + 3 operations, thus complying with **NF EN 335**. **Rafters and lacing rods** are made of **S235JRJR anti-corrosive, thermo-galvanised steel**. **Posts** are sealed **within concrete blocks**. **The posts and beams assembly is consolidated by steel struts**. **Steel rafters** link the beams to one another and are used to support the textile membrane. **Outer rafters** are used as lacing rods to stretch the textile membrane – **Ferrari prestressed stretched textile membrane**.



- A** Canvass: translucent, weather-resistant and providing exceptional luminosity; fully recyclable; resistant and very long-lasting.
- B** Posts: located 80cm from the fence's handrail to facilitate traffic, and to avoid any risk of a collision to a player moving inside the Agorespace.
- C** Structure: mainly consists of wood and warm materials with a negative carbon footprint.
- D** Bracings: inaccessible, to avoid any risk of a user climbing the structure.

### Mooring

**Mooring the posts to the ground is an operation that is vital to the stability of the structure and to ensure its duration under safe conditions.** It is desirable to perform a **ground survey** and map out the altimetry of the platform in order to calculate accurate bed dimensions and heights. In the event there is no ground survey, the maximum calculation shall be applied to avoid all risks. **Post plates are chemically sealed** within concrete beds.



### Covering manufacture

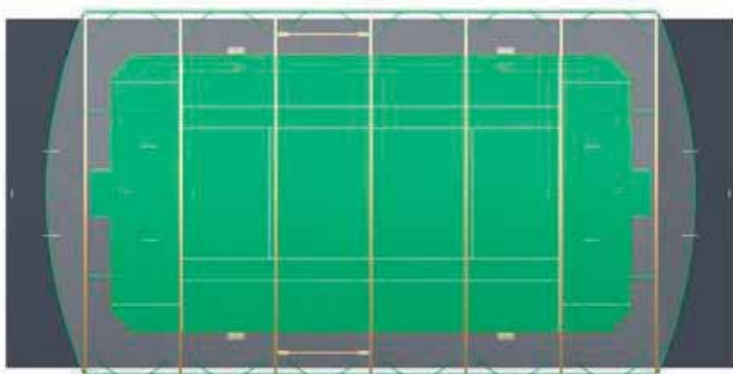
- High-frequency welding assembly
- Eyelets set on the lining reinforced with a hem containing a 10mm Ø propylene cord

### Structure and canvass assembly

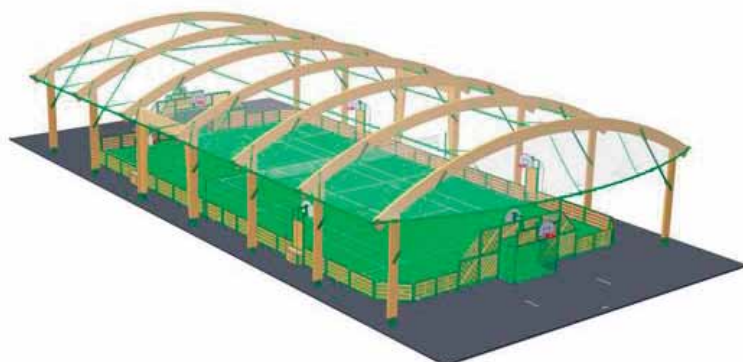
**Assembling the canvass** upon its bearing structure is performed through double lacing. First a **9mm Ø polypropylene strap** is threaded through the border eyelets and around the lacing tube, allowing the membrane to be put in place. This tightener will also ensure **permanent tension** on the membrane during the take-up phase (the canvass' maximum repose). A 10mm Ø **polyamide halyard** is then threaded through the same eyelets and also around the lacing tube. **It will ensure the securing lasts, as well as its safety over time**, being the element providing appropriate resistance.

AGORASPACE® is certified ISO 9001 - 2008 throughout the entire process (design, manufacture, sales, installation, maintenance, and the organisation of a national competition)

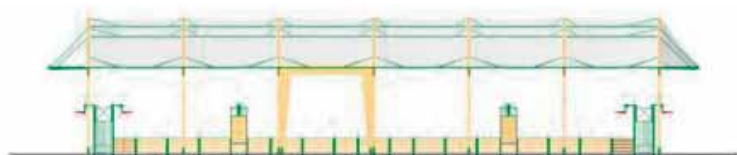
# Agoratop - Configurations standard



AGORATOP 7000\* - Top view



AGORATOP 7000\* - Perspective



AGORATOP 7000\* - Side view

\*textile shown as transparent for sketching purposes and not available for sale

MODEL	FIELD SIZE	CANVASS SURFACE	NUMBER OF POSTS	MINIMUM PLATFORM SIZE**
Agoratop 3000	17 m x 27,5 m	470 sq. m	10	W : 17m / L : 27,5m / S : 470 sq. m*
Agoratop 5000	20 m x 35 m	700 sq. m	12	W : 20m / L : 35m / S : 700 sq. m*
Agoratop 7000	23 m x 41 m	950 sq. m	14	W : 23m / L : 41m / S : 950 sq. m*
Agoratop 8000	25 m x 45 m	1125 sq. m	18	W : 25m / L : 45m / S : 1125 sq. m*
Agoratop 9000	27 m x 47 m	1270 sq. m	20	W : 27m / L : 47m / S : 1270 sq. m*
Agoratop made to measure: please contact us				

At the centre of the structure, the maximum height beneath the AGORATOP® 5000 is 7m (7.5m for the 7000 and 6.5m for the 3000)  
 At the left-hand and right-hand extremities, the height is 6m  
 \* W = width / L = length / S = surface area

## Installing an AGORATOP

An Agoratop is installed in 4 phases:

**Supplying the material:** delivering and unloading all of the material at the site

**Assembly:** assembling the framework on the ground

**Elevation:** raising the framework, frames and trusses, and building the metal framework

**Hoisting:** installing the canvass' cradle, then hoisting, deploying and lacing the canvass

## AGORESPACE "BEFORE-DURING-AFTER" services

In order to involve users and give them a sense of responsibility, Agorespace offers municipalities a 3-step instruction programme.

**1. A public briefing:** BEFORE the installation, an Agorespace team member will organise a meeting where elected officials, partner associations, village or neighbourhood users will be attending. The idea is to give a sense of responsibility to youths regarding the facility they are about to be entrusted with. **2. The hiring of 1 or 2 youths:** DURING the installation, we shall offer to hire 1 or 2 youths for the duration of the install project, working directly under the responsibility of the Agorespace® head engineer, trained in this kind of supervision. Those youths will achieve a position to explain, motivate and enforce proper use of the field. This approach represents an effective means of protecting the new facility and also of ensuring its durability. **3. The handing over of the keys:** AFTER the installation, Agorespace will throw a party for the inauguration, an event that will bring to a close the instruction programme we had initiated. To crown everyone's efforts, Agorespace® will organise sports meets between the various municipalities equipped with an Agorespace®: the Agorathlon© challenge.