



PICKLEBALLBC

Return to Sport Guidelines – Air Supported Structures

This document is an addendum to the Return to Sport Guidelines – Outdoor Pickleball - Phase 3 - posted June 20, 2020.

All recommendations and considerations from the Return to Sport Guidelines – Outdoor Pickleball – Phase 3 apply to Indoor -Air Supported Structures.

What is an Air Supported Structure?

An air-supported (or air-inflated) structure is any building that derives its structural integrity from the use of internal pressurized air to inflate a pliable material envelope such that air is the main support of the structure, and where access is via airlocks.

What are the advantages of an Air Supported Structure?

Air- supported structures;

- have a minimum capacity of 50 times more outside fresh air
- have a very low occupancy density
- have approximately 800 cubic feet/minute of ventilation air per person at 6 ft social distancing.

The indoor air quality of an air supported structure resembles that of the outside environment and is therefore an ideal indoor setting for preventing the spread of Covid-19.

What is the evidence to support the advantages of Air Supported Structures?

Below is the link to an engineering report on air flow in air -supported structures

[Covid-19 and Air-Supported Structures](#)

Position of PICKLEBALLBC:

PICKLEBALLBC recommends that pickleball play in Air-Supported Structures be considered as being similar to outdoor pickleball play during the Covid-19 pandemic.

Approved by:

PICKLEBALLBC

Board of Directors

November 16, 2020