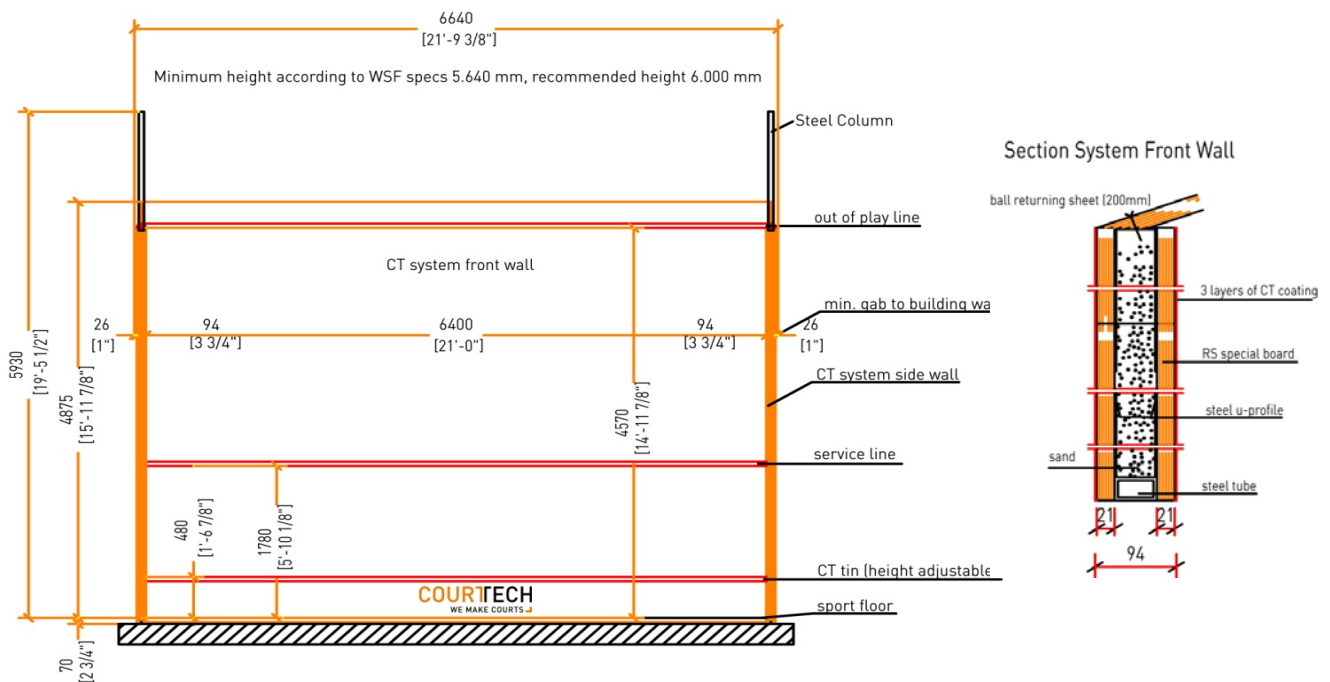


CT System Frontwall

08.03.16

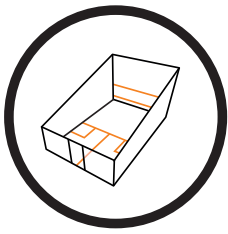


description: Complete thickness of wall is 94 mm, consisting of two 21 mm thick RS special high density boards attached to steel profiles. The self supporting wall elements fixed on steel columns to the floor at two positions. The surface of the finished wall is 3 times coated. The system wall is filled with 2,5 tons of fire dried sand. The system wall is hard, flat and free of vertical joints.

specs:	total size:	w / h = 6,40m / 4,95m	wall area:	32,45m ²
	wall thickness:	94mm	total wall:	1500 kg
	weight excl. sand:	46,3 kg/m ²	total wall:	4000 kg
	weight incl. sand:	123,3 kg/m ²		
	wall color:	cream white (RAL 9001)		

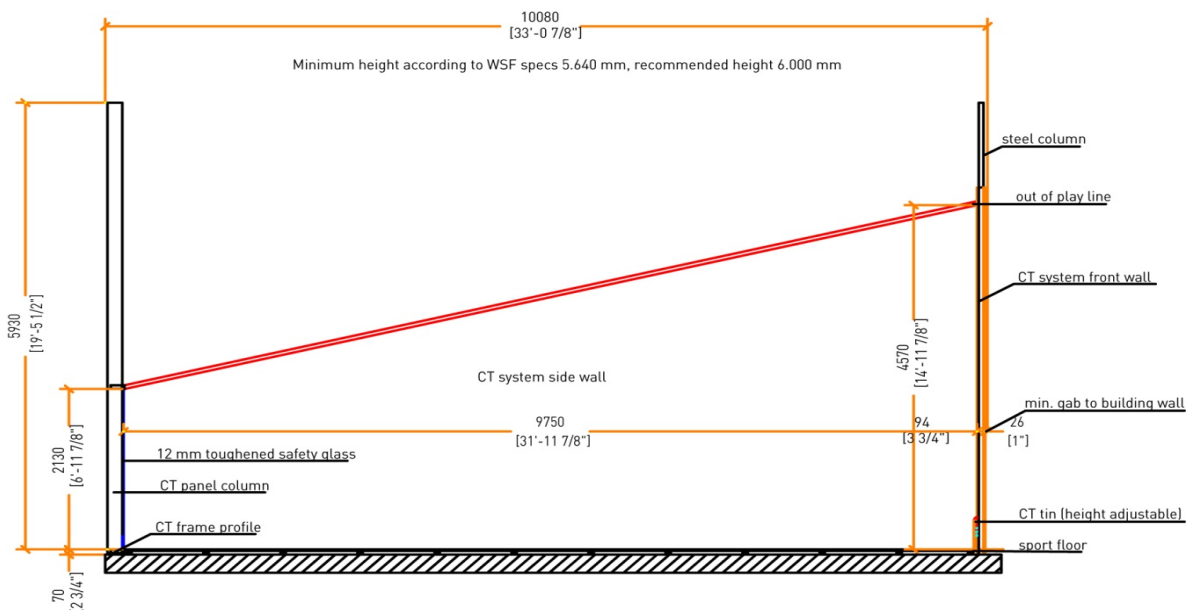
proofs:

- | | |
|--|------------------------------------|
| 1. proof of perpendicular tensile strength | Univ. of Applied Science Rosenheim |
| 2. proof of tension and shear resistance | Univ. of Applied Science Rosenheim |
| 3. pendulum hammer rebound characteristics test | World Squash Federation |
| 4. resistance of wall surface | Regnauer Fertigbau |
| 5. structural assessment of CT courts under earthquake loading | University of Weimar, Germany |



CT System Sidewall

08.03.16



description: Complete thickness of wall is 94 mm, consisting of two 21 mm thick RS special high density boards attached to steel profiles. Self supporting wall elements fixed on steel columns to the floor at two positions. The surface of the finished wall is 3 times coated. The system wall is filled with 2,5 tons of fire dried sand. The wall is hard, flat and free of vertical joints. The out-of-play lines are made of drawn red aluminium profile. colour shade: RAL 3001.

specs:	total size:	b / h = 9,75m / 4,64m	wall area:	33,35m ²
	wall thickness:	94mm	total wall:	1688 kg
	weight excl. sand:	50,7 kg/m ²	total wall:	4188 kg
	weight incl. sand:	125,8 kg/m ²	color boards:	cream white RAL 9001
	color:		out of play line:	red RAL 3001

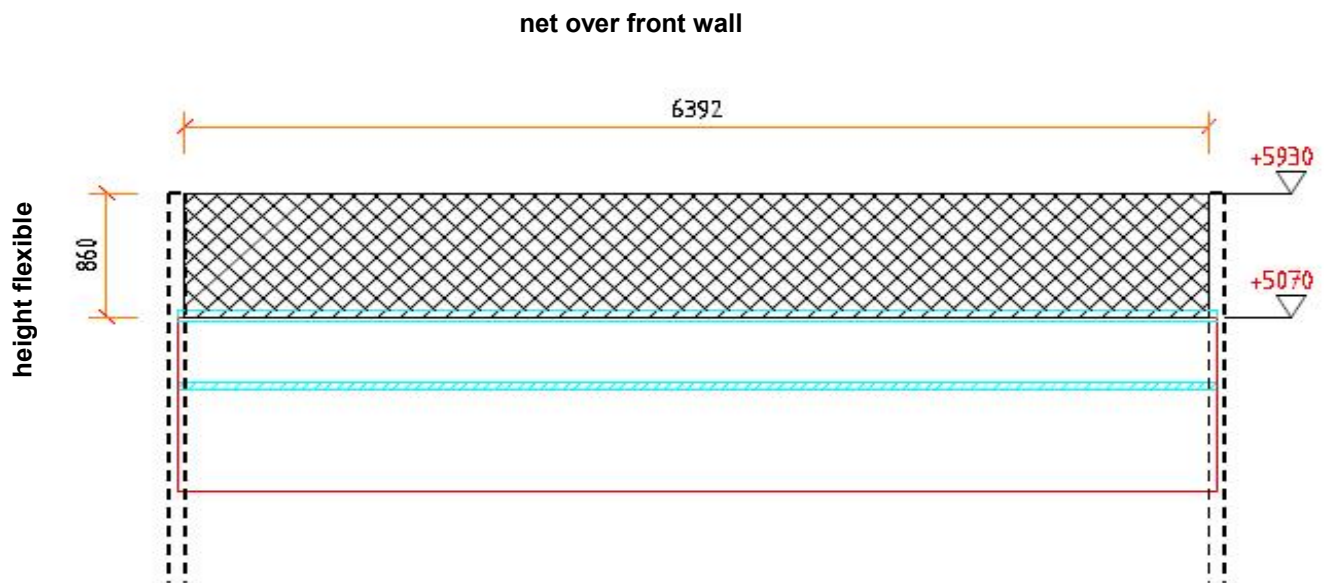
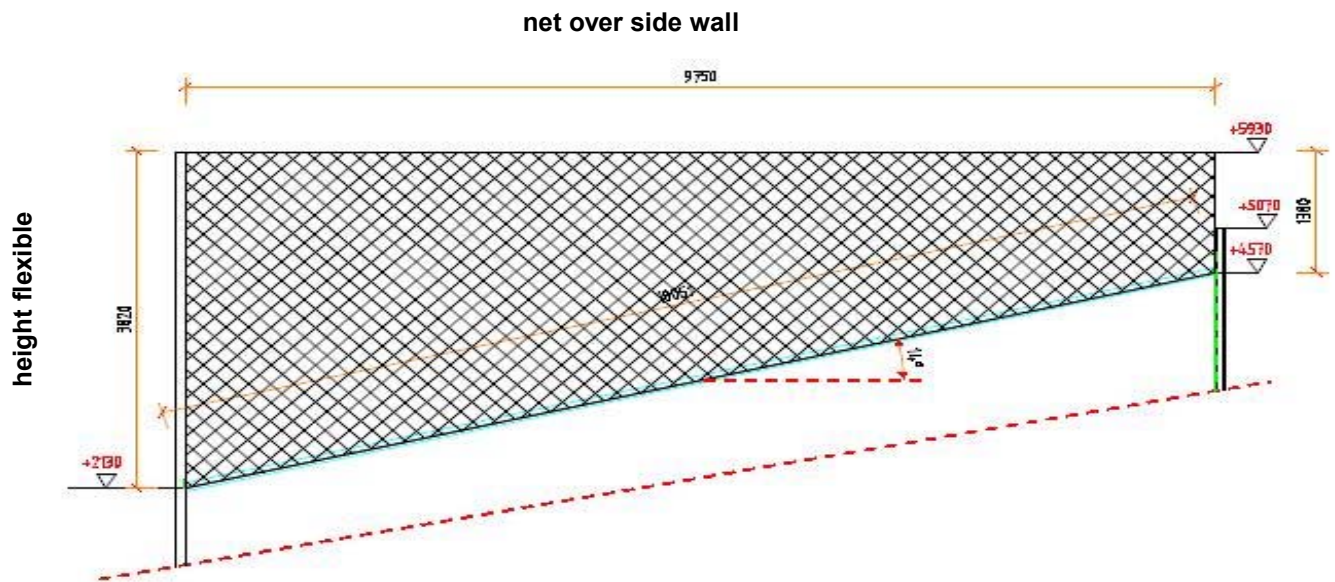
proofs:

- | | |
|--|------------------------------------|
| 1. proof of perpendicular tensile strength | Univ. of Applied Science Rosenheim |
| 2. proof of tension and shear resistance | Univ. of Applied Science Rosenheim |
| 3. pendulum hammer rebound characteristics test | World Squash Federation |
| 4. resistance of wall surface | Regnauer Fertigbau |
| 5. structural assessment of CT courts under earthquake loading | University of Weimar, Germany |



Element: nets

construction drawing:

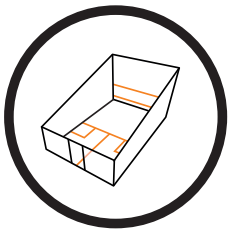


description:

Net made of 3 mm thick Polyethersulfone string, width of mesh approx. 20 mm, UV-proof. The net is attached with hooks every 100 mm and stretched with a 6-mm-steel cable at the height of 6000 mm.

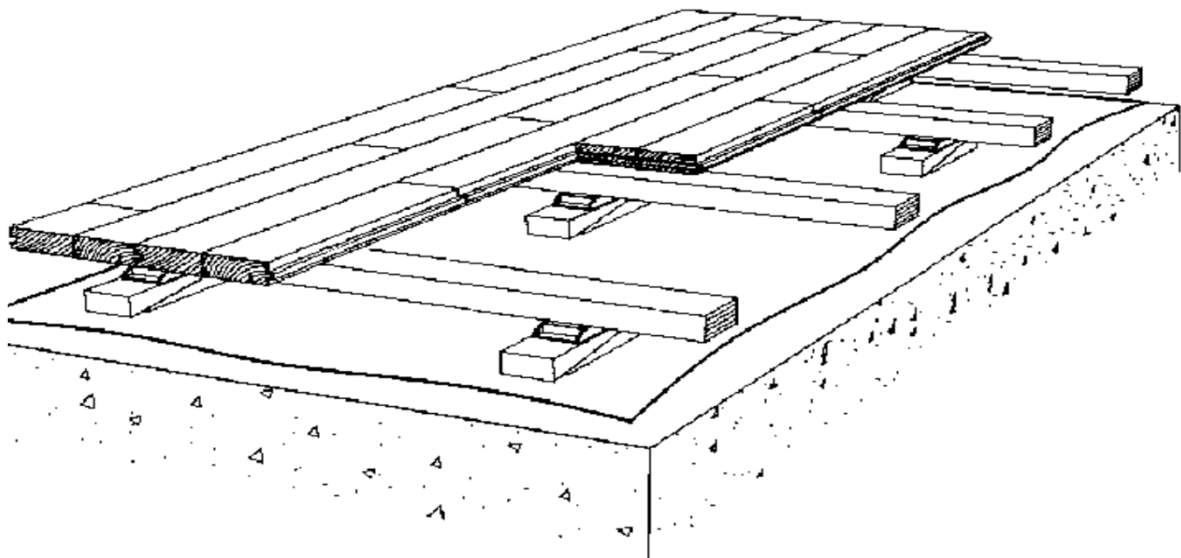
general data:

material:	Polyethersulfone (PES)
total size:	b / h = 6,392m / 0,860m - area: 5,50m²
thickness:	2,3 mm
mesh size:	20mm
colour:	white



SylvaSquash Floor

19.09.17



description: The Junckers SylvaSquash sport floor is based on 22 mm solid boards nailed to a resilient subfloor of one layer of battens - prefabricated. The floor system is an area elastic type of sports floor with high shock absorbency and elasticity suitable in multi-purpose sports hall as well as for Squash. The construction height is 82-109 mm. The sports floor system fully conforms to EN 14904:A4

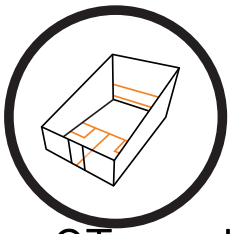
specs:

total size:	parquet:	22 x 129 x 3700 mm
	subfloor:	25,5 x 60 x 3600 mm
wood species:	beech (available in smoked oak or stained in every colour)	
weight net:	1250 kg	
weight gross:	1375 kg	

proofs:

- | | |
|-----------------------------------|----------|
| 1. test according WSF regulations | Junckers |
| 2. test according EN 14904 | Junckers |





CT sand for filling the walls

28.04.15



description: The Sand must be kiln dried (humidity < 1 mass-%) and free of humic material and other contaminations, with a high SiO₂ content. For a better handling on site the sand must be packed in bags, not bigger than 25kg.

Qty: For Half System Walls 1,2tons/wall are needed. (diameter: 0,6mm - 1,2 mm)
For System Walls 2,5tons/wall are needed. (diameter: 2mm - 4mm)

specs.: grain distribution:

(as an example)

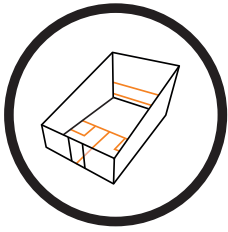
mm	mass-%
>5	0,1
>3,55	1
3,15-3,55	7
2,5-3,15	60
2,0-2,5	31
<2	2
<1,6	0,2

Humidity: <1 [mass-%]
dry bulk density: 2,63[g/ml]
bulk density: 1,6[mg/l]

chemical Analysis:

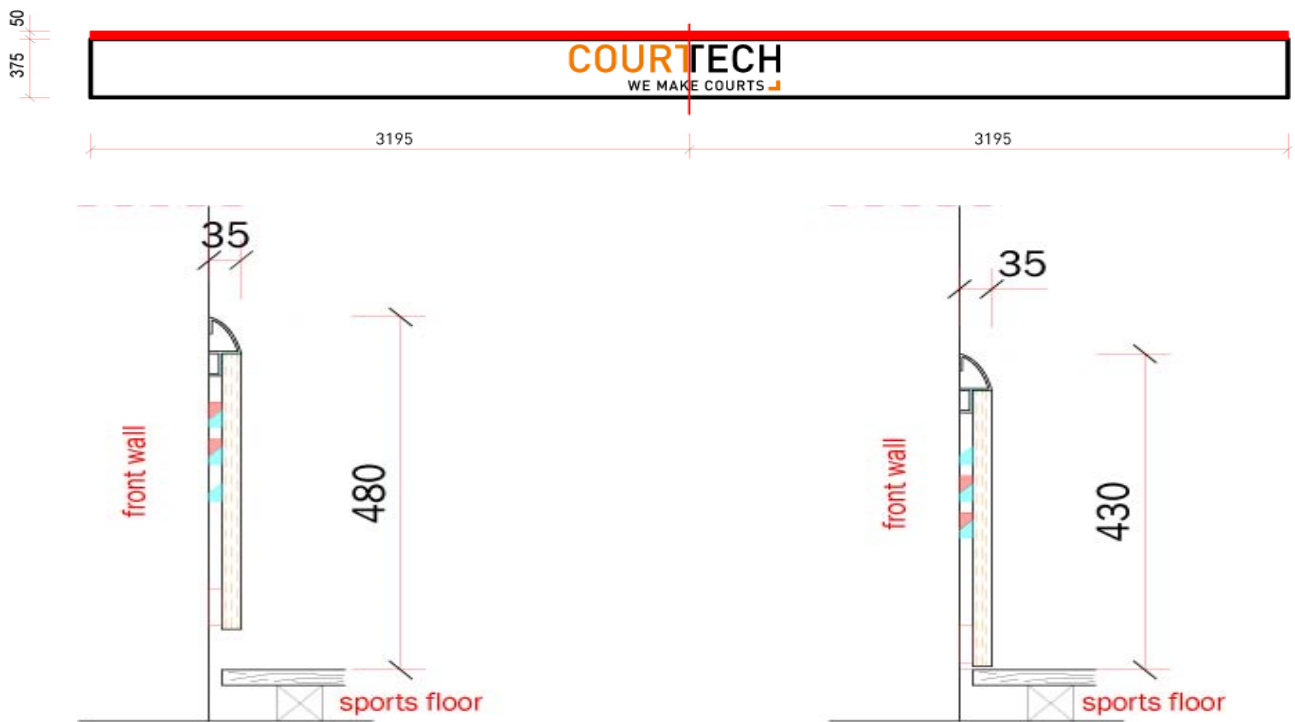
	mass-%
SiO ₂	99
Al ₂ O ₃	0,6
Fe ₂ O ₃	0,03
TiO ₂	0,03
K ₂ O	0,1
Na ₂ O ₃	0,02
CaO	0,02
MgO	0,01





CT Height Adjustable Tin

18.09.17



description: Tin is height adjustable from 480 mm to 430 mm from finished floor level. On request the tin can be adjustable for other heights as well. The Tin is made of 21mm thick high density boards, coated 2 times. Split in two panels, each 3195 mm long. The out-of-play line is made of drawn red aluminium profile. color shade: RAL 3001

specs:	total size:	b / h = 2x 3,195m / 0,425m -	area: 2,72m²		
	thickness:	35mm			
	weight net:	48 kg			
	weight gross:	48 kg			
	color:			boards:	white RAL 9001
				profile:	red RAL 3001

proofs:

1. test according to WSF specifications

World Squash Federation

