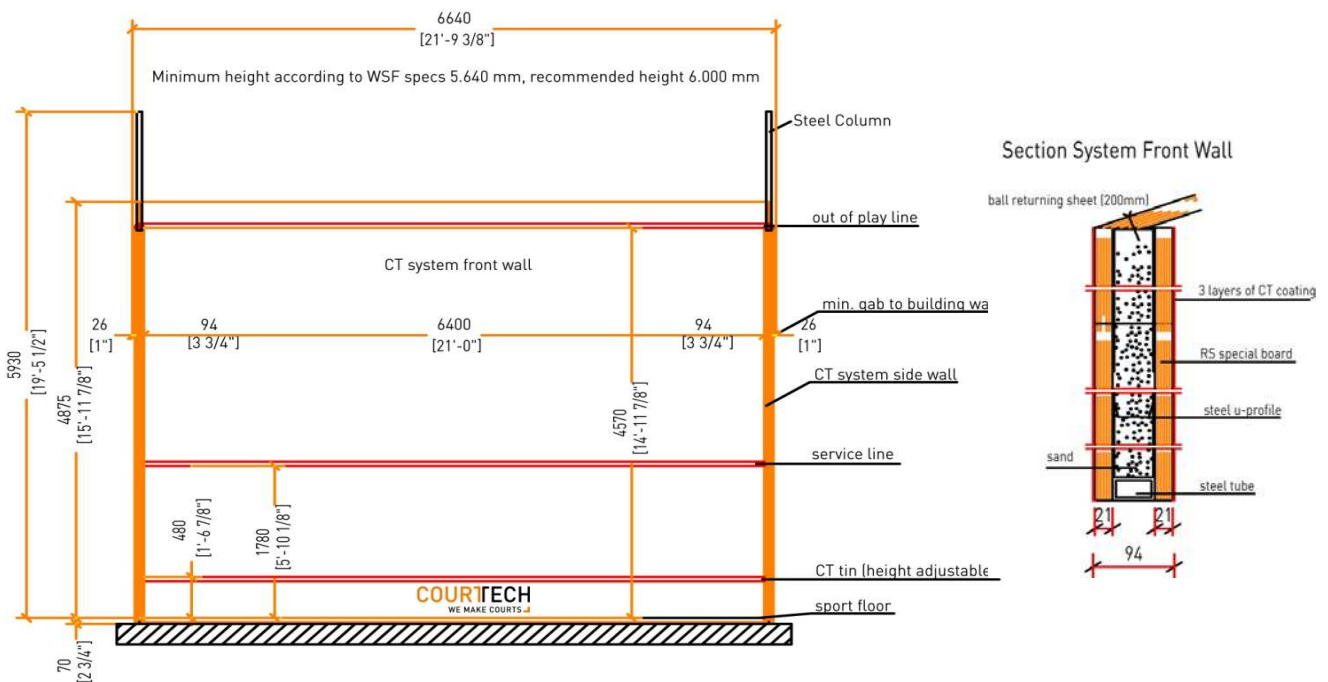


CT System Frontwall

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:

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. proof of perpendicular tensile strength 2. proof of tension and shear resistance 3. pendulum hammer rebound characteristics test 4. resistance of wall surface 5. structural assessment of CT courts under earthquake loading | <p>Univ. of Applied Science Rosenheim
Univ. of Applied Science Rosenheim
World Squash Federation
Regnauer Fertigbau
University of Weimar, Germany</p> |
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