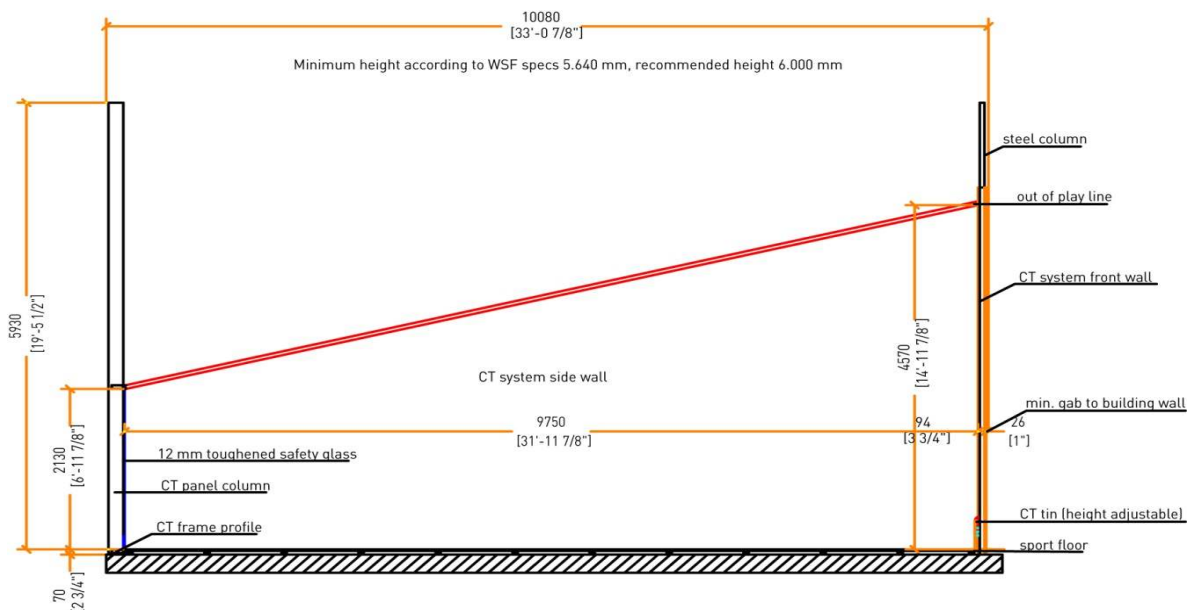


CT System Sidewall

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 Fertigungsbau |
| 5. structural assessment of CT courts under earthquake loading | University of Weimar, Germany |

