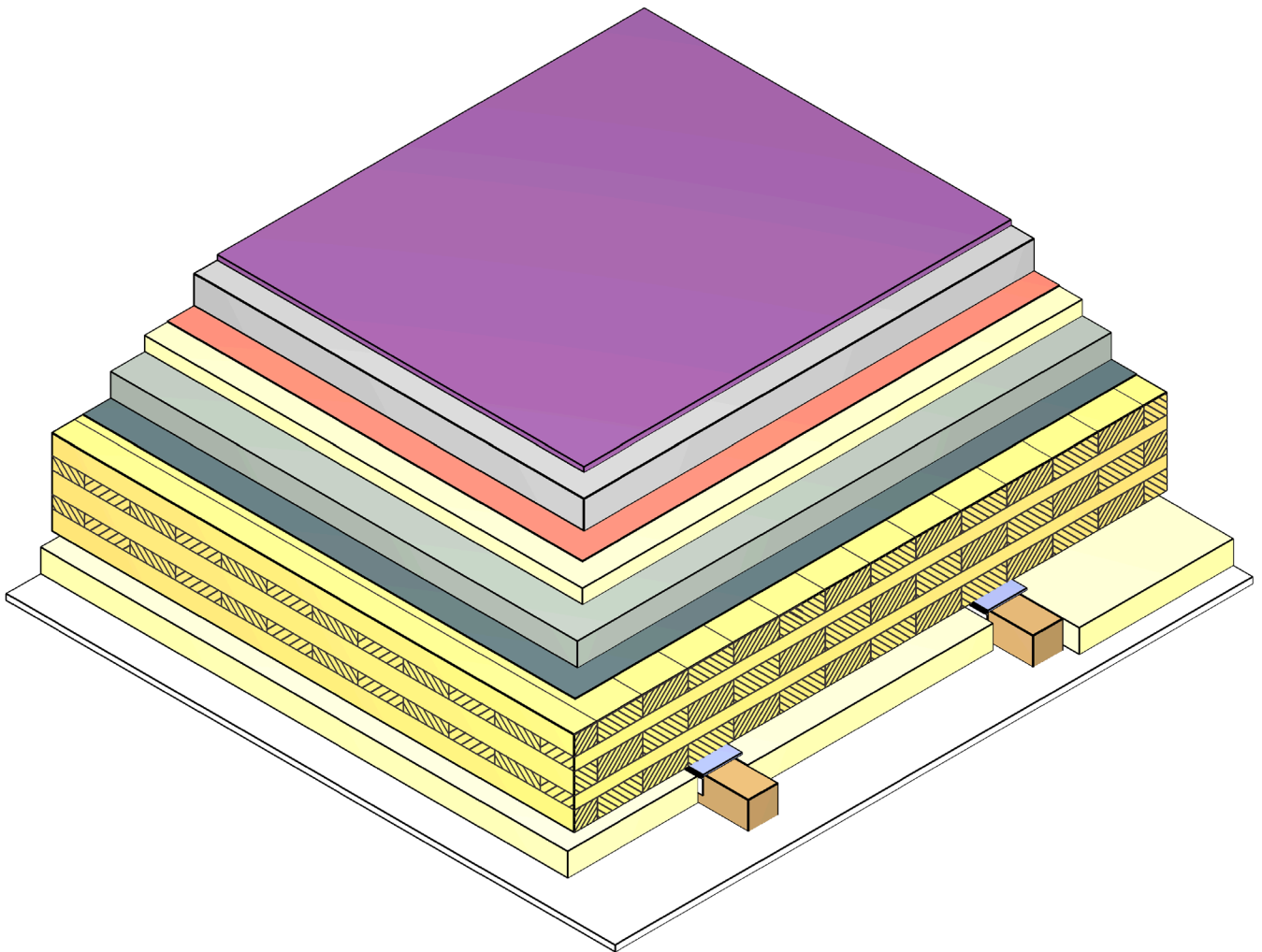


Soundproofing with CLT.

COMPARTMENT FLOOR STRUCTURE

04/2015



Compartment floor structure

| | |
|---------|---|
| 10 mm | carpet |
| 60 mm | cement screed |
| 0,2 mm | PE membrane |
| 30 mm | impact sound insulation board |
| 50 mm | backfill |
| 0,2 mm | trickle protection |
| 165 mm | StoraEnso CLT |
| 70 mm | suspension (with 50 mm mineral wool intermediate layer) |
| 12,5 mm | plasterboard |

$D_{nT,w} > 60 \text{ dB}$

$L'_{nT,w} < 40 \text{ dB}$