

PRP Comments
16.06.23
Drawing Review 02

Note: These comments are solely in the capacity of Passivhaus Designer, with no design responsibility.

Wall

Calculated u-value:
0.159W/m²K

Target u-value: **<0.15 W/m²K**

Mineral Fibre Batt Insulation
(Rockwool Full Fill Cavity or
equivalent - $\lambda = 0.037$ W/mK)

LGS Infill Wall, with Rockwool
RWA 45 $\lambda = 0.035$ W/mK)
mineral fibre insulation between
studs at 600 c/c

Airtightness line to be
noted.

**REFUSE / CYCLE
STORE**

DWELLING

Floor

Calculated u-value:
0.081W/m²K

Target u-value: **<0.20 W/m²K**

Ground Supported Structural
Floor Slab to Engineer's Details

8880 | Level 00 (8880)

Levelling screed to BS8204-1

Rigid Insulation ($\lambda = 0.018$
W/mK) (Min 120kPa)

Ground Supported Structural
Floor Slab to Engineer's Details

There is no break
in the insulation
here which
removes the
thermal bridge
challenge.