

DORMER VOLUME CALCULATIONS:

REAR OUTRIGGER:

$7.0\text{m} \times [(0.7\text{m} \times 3.2\text{m}) + 1/2 (1.5\text{m} \times 3.2\text{m})] = 32.48 \text{ m}^3$

$32.48\text{m}^3 - 0.38\text{m}^3 \text{ stack} = \mathbf{32.10 \text{ m}^3}$

MAIN ROOF:

$3.2\text{m} \times 1/2 (1.9\text{m} \times 2.5\text{m}) = \mathbf{7.60 \text{ m}^3}$

TOTAL:

$32.1\text{m}^3 + 7.6\text{m}^3 = \mathbf{39.7 \text{ m}^3}$

