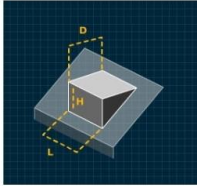


Dpa264 3 Robin Hood Lane

Volume calculations

Below are extracts from the planning portal cubic volume calculator

Dormer window — flat roof



Height (metres)
2.645

Depth (metres)
3.11

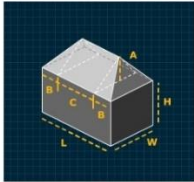
Length (metres)
6.35

Total Volume:
26.12

Calculate Volume

Reset

Pitched roof — two end hips



Width (metres)
6.95

Length (metres)
8.25

Height (metres)
3.155

A (metres)
2.955

B (metres)
3.475

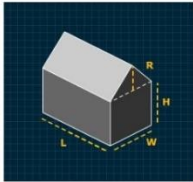
C (metres)
1.3

Total Volume:
241.83

Calculate Volume

Reset

Pitched roof — two end gables



Width (metres)
6.75

Length (metres)
8.25

Height (metres)
3.155

Roof (metres)
2.955

Total Volume:
257.97

Calculate Volume

Reset

$257.97\text{m}^3 - 241.83\text{m}^3 = 16.14\text{m}^3 = \text{Proposed increase in roof area for extension}$

$16.14\text{m}^3 + 26.12\text{m}^3 \text{ (cubic dormer area)} = 42.26\text{m}^3 = \text{Total cubic area of proposed extension}$