

Hip to gable volume calculation

4.0m (A) width from the hip to gable
÷3 ×
8.0m (B) length house front eaves to rear eaves
×
3.3m (C) height from the eaves to the ridge
÷2
=17.60m³

Dormer project volume calculation

3.5m (D) width of dormer from ridge to dormer wall
×
2.65m (E) height of dormer from eaves to highest point
×
6.3m (F) length of dormer from cheek to cheek
÷2
= 29.21m³

Conclusion: Hip to gable 17.60m³ + dormer project 29.21m³ = 46.81m³

Permitted allowance for this type of property 50m³

Rev	Date	Note
Site Address	75 Solefield Road Sevenoaks TN13 1PH	
Applicant	Mr and Mrs Alex and Chris Barton	
Application	COL	
Project Description	Hip to gable loft conversion.	
Drawing Description	Evidence to Verify Application	
Issue Date	Scale	
DEC 2021		
Drawing Status	Drawn by	Checked
Planning	BB	AK
Drawing No.	Revision	
PL.13	A	

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Any discrepancies to be brought to the attention of Homefront, prior to construction.