

Development Name: 69 Highgate High Street

Dwelling Types: Private Residential Maisonette

Checklist POL 1: GWP of Insulants

Element	Proposed Insulation Materials	Unfoamed [U] / Foamed [F] / Installed Using Propellants [P]	Manufacturer	Product Name	GWP (if foamed)	Name of Blowing Agent Used (where installed using a propellant)	GWP of Blowing Agent (if present)	Reference to literature confirming GWP (if foamed or installed using a propellant)
Roofs								
Roof Type 1	Polyisocyanurate Foam	F	Bauder	PIR Tapered Insulation	3 kg CO2-Eq./kg			Bauder PIR Insulation Technical Data Sheet
Roof Type								
Loft Access								
Walls								
External Walls	Pentane blown - Expanded Polystyrene	F	Sto	StoTherm EPS Board	0 kg CO2-Eq./kg			Sto EPS – BREEAM Credit Letter
	Thermoset Phenolic Insulation	F	Kingspan	'Kooltherm K12' Insulation	3 kg CO2-Eq./kg			Kingspan – GWP & ODP Technical Sheet
	Mineral Wool	U	Knauf (or similar)		-----			
Internal Walls	Glass Mineral Wool	U	Isover	Acoustic Partition Roll (APR1200)	-----			
Doors								
Lintels								

Thermal and Acoustic Insulation								
Floors								
Ground Floor	Thermoset Insulation	F	Kingspan	Thermafloor TF70	3 kg CO2-Eq./kg			Kingspan – GWP & ODP Technical Sheet
Upper Floors								
Basement								
Foundations								
Thermal Stores								
Hot Water Cylinder	Polyurethane foam	F	Envirofoam	Envirofoam 16.425	0.7 kg CO2-Eq./kg			Envirofoam Technical Sheet
Cold Water	Polyurethane foam	F	Kingspan	Tarecpur	Less than 5			Letter / website
Storage Tanks	Polyurethane foam	F	Kingspan	Tarecpur	Less than 5			Letter / website
Pipe Insulation	Closed cell elastomeric foam	F	Armacell	Class O	0 kg CO2-Eq./kg			
Other Thermal Stores								

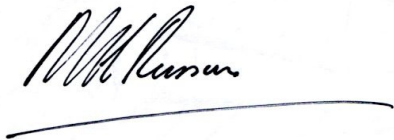
Note: The manufacturing process of insulating materials changes regularly. Because of this, this document does not include a complete list of insulating materials that comply and manufacturers should be approached for up-to-date information on their products.

Confirmation

By completing the criteria above, I confirm that all dwellings of this specification type on the development indicated meet the stated criteria.

Signature - This must be an electronic signature or this document must be physically signed in pen:

Date: 12/05/16



Print Name and Role: Michael Russum, Architect

Signoff Type: Design Stage / ~~Post-Construction Stage~~