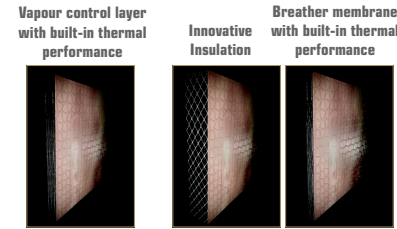


SOLUTION OPTIMISER AND PATHFINDER



		Configuration	HCONTROL HYBRID	Other insulation	HYBRIS	BOOST [®] HYBRID
WALLS	PF19	Timber frame 120mm HYBRIS			●	
	PF22	Timber frame HCONTROL HYBRID + 45mm HYBRIS + BOOST [®] HYBRID	●		●	●
	PF23	Timber frame HCONTROL HYBRID + 90mm HYBRIS + BOOST [®] HYBRID	●		●	●
	PF24	Timber frame HCONTROL HYBRID + 105mm HYBRIS	●		●	
	PF39	Timber frame HCONTROL HYBRID	●			
	PF25	Timber frame HCONTROL HYBRID + BOOST [®] HYBRID	●			●
	PF26	Timber frame BOOST [®] HYBRID + 120mm HYBRIS			●	●
	PF45	Timber frame HCONTROL HYBRID + 45mm HYBRIS	●		●	
	PF46	Timber frame BOOST [®] HYBRID + 50mm foam board		●		●
	PF40	Solid HCONTROL HYBRID	●			
ROOFS	PF30	Pitched roofs HCONTROL HYBRID + 45mm HYBRIS + BOOST [®] HYBRID	●		●	●
	PF43	Pitched roofs HCONTROL HYBRID + 120mm HYBRIS + BOOST [®] HYBRID	●		●	●
	PF31	Pitched roofs HCONTROL HYBRID + 90mm HYBRIS	●		●	
	PF33	Pitched roofs 120mm HYBRIS + BOOST [®] HYBRID			●	●
	PF34	Pitched roofs HCONTROL HYBRID + 60mm foam board	●	●		
	PF35	Pitched roofs HCONTROL HYBRID + 70mm foam board	●	●		
	PF42	Pitched roofs BOOST [®] HYBRID + 85mm foam board		●		●
CEILING	PF37	Ceiling 90mm HYBRIS + 105mm HYBRIS			●	
	PF44	Ceiling 90mm HYBRIS + 150mm HYBRIS			●	

Timber Dimensions (mm)	Timber Centres (mm)	Condensation risk	Calculated U-value
140 x 38	600	No	0.26W/m².K
89 x 38	600	No	0.17W/m².K
140 x 38	600	No	0.14W/m².K
140 x 38	600	No	0.18W/m².K
72 x 47	600	No	0.30W/m².K
72 x 47	600	No	0.21W/m².K
140 x 38	600	No	0.18W/m².K
89 x 38	600	No	0.23W/m².K
72 x 47	600	No	0.23W/m².K
2 x 38 x 38 (Battens)	600	No	0.30W/m².K
125 x 50	600	No	0.18W/m².K
175 x 50	600	No	0.13W/m².K
150 x 50	600	No	0.18W/m².K
175 x 50	600	No	0.18W/m².K
125 x 50	600	No	0.18W/m².K
125 x 50	400	No	0.18W/m².K
150 x 50	600	No	0.18W/m².K
100 x 35	600	No	0.16 W/m².K
100 x 35	600	No	0.13W/m².K

The calculations have been made according to EN ISO 6946, BR443, BBA I63.

Calculations are based on slightly ventilated / ventilated roof build-ups and vented wall build-ups, and use standard construction products i.e. standard plasterboard, standard vapour control layer, standard breather membrane, standard foil faced foam board, HControl Hybrid or Boost[®] Hybrid is used.