

Typical U-Values

Table 1

U-Value calculations to EN ISO:6946

XT/PR Insulation for Pitched Roofs



- Hybrid Roof:**
- Approved Breather Membrane 25mm Void
 - XT/PR between Rafters
 - XT/PR under Rafters to reduce thermal bridging
 - Vapour Control Layer
 - Plasterboard

Thin-R Thickness		Rafter Centres	
Between	Under	600mm	400mm
120mm	25mm*	0.17	0.18
120mm	40mm*	0.15	0.16
125mm	60mm*		0.13
125mm	50mm*	0.13	

* Insulation thickness only

Table 2

U-Value calculations to EN ISO:6946

XT/PR Insulation for Pitched Roofs

- Warm Roof:**
- Breather Membrane
 - XT/PR over Rafters to reduce thermal bridging
 - XT/PR between Rafters
 - Vapour Control
 - Plasterboard

Thin-R Thickness		Rafter Centres	
Between	Over	600mm	400mm
N/A	110mm	0.17	0.17
N/A	125mm	0.16	0.16
75mm	75mm	0.15	0.15
75mm	100mm	0.12	0.13