

Timber Frame Wall Solutions for Part L and Scottish Technical Standard 6

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The miracles of science™



DuPont™ Tyvek® Reflex

Searching for the right Reflective Breather Membrane?



Tyvek.

Performance beyond protection



DuPont™ Tyvek® Reflex

Timber Frame Wall Solutions for Part L and Scottish Technical Standard 6

1- U-Values of entire wall construction achieved with 89 mm STUD (and 89 mm fibrous insulation)

Insulation	λ (W/m K)	U-value (W/m² K)		
		Standard Membrane	Tyvek® Reflex	Tyvek® Reflex + DuPont™ AirGuard®
Mineral Roll	0.044	0.45	0.39	0.32
Mineral Batt	0.038	0.41	0.37	0.29
	0.037	0.42	0.35	0.30
	0.035	0.40	0.34	0.29
	0.032	0.39	0.32	0.28
PIR	0.023*	0.34	0.30	n/a

* PIR insulation 70 mm thick and foil faced to leave 20 mm service void

2- U-Values of entire wall construction achieved with 140 mm STUD (and 140 mm fibrous insulation)

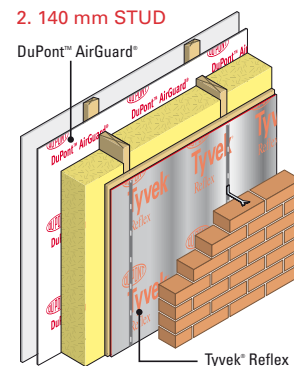
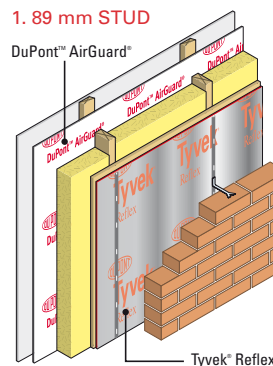
Insulation	λ (W/m K)	U-value (W/m² K)		
		Standard Membrane	Tyvek® Reflex	Tyvek® Reflex + DuPont™ AirGuard®
Mineral Roll	0.044	0.32	0.29	0.25
Mineral Batt	0.038	0.30	0.27	0.23
	0.037	0.29	0.27	0.23
	0.035	0.29	0.26	0.22
	0.032	0.27	0.25	0.22
PIR	0.023*	0.24	0.21	n/a

* PIR insulation 120 mm thick and foil faced to leave 20 mm service void

■ BEST ■ GOOD ■ NORMAL ■ POOR

- 1- **Trusted performance** and **proven durability**.
- 2- The first **Reflective Breather Membrane** for **thermal management**
- successfully installed in the UK since 2002
- 3- Suitable in timber frame walls as well as metal frames, masonry and internal insulation upgrades
- 4- Save money with an **Airtight** and more **Energy Efficient** construction for the lifetime of the building
- 5- Fully **BBA certified** (No 90/2548)
- helps to meet requirements of Part L in England and Wales and of Scottish Technical Standard 6
- 6- Approved by UKTFA
- covers Compliance with Codes & Standards

All insulating breather membranes are not the same!



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