

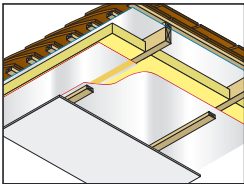
# DuPont™ **Tyvek®** INSTALLATION GUIDELINES

## DuPont™ Climate Systems: Tyvek® Enercor® and DuPont™ AirGuard®

### Key Benefits

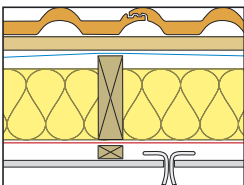
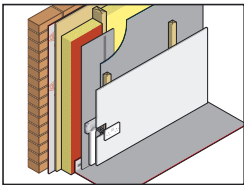
- ✓ Boost insulation performance by up to 20%, with up to 15% savings in home energy costs
- ✓ Blocks 85% of radiant heat in the summer keeping the building cool inside
- ✓ Helps to achieve Part L airtightness requirements

### General instructions



#### • Applications

DuPont™ AirGuard® is installed onto the internal side of a roof or wall system with the reflective foil side facing into the room. The membrane may be laid either horizontally or vertically to suit.



#### • Cavity

The internal lining (plasterboard, etc.) must be spaced off DuPont™ AirGuard® with 25 mm timber battens to create a service void. This will help to avoid penetrations through the membrane by electrical sockets, light fittings, etc, and to maximise the reflective benefits of the membrane.

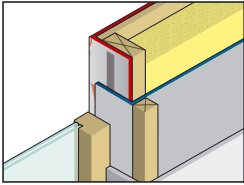
#### • Fixing to timber

DuPont™ AirGuard® should be temporarily fixed to timber studs, rafters or joists with non-ferrous staples or nails at approx 500 mm centres. The membrane will be properly secured once the timber battening is fixed (see batten space/service void).



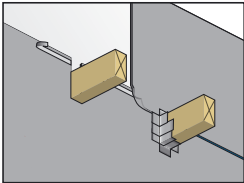
#### • Laps

Maintain 100 mm laps between each sheet and seal with Tyvek® Butyl Tape or Tyvek® Metallised Tape.



- **Windows/doors**

**DuPont™ AirGuard®** should be made vapour and convection tight at all window and door openings, loft hatches, etc. The membrane should be sealed tight against the frame with **Tyvek® Butyl Tape** or tucked in and compressed by the frame.



- **Penetration**

Penetrations through **DuPont™ AirGuard®** should be kept to a minimum and any that are made should be sealed.

Penetrations for pipework, wiring and ducting should be sealed with **Tyvek® Butyl Tape** or **Tyvek® Metallised Tape**.

### Damage

If **DuPont™ AirGuard®** is abraded or punctured in any way the damaged area should be made good with **Tyvek® Metallised Tape**. Extensive damage should be covered with an **DuPont™ AirGuard®** patch and sealed with **Tyvek® Butyl Tape** or **Tyvek® Metallised Tape**.

### Accessories

DuPont™  
**Tyvek®**  
**Metallised Tape**

DuPont™  
**Tyvek®**  
**Butyl Tape**

DuPont de Nemours (Luxembourg) S.à.r.l.  
L-2984 Luxembourg  
Tel: (+352) 3666 5885  
Fax: (+352) 3666 5021  
E-mail: [tyvek.construction@lux.dupont.com](mailto:tyvek.construction@lux.dupont.com)

**For more information, visit:**

[www.construction.tyvek.com](http://www.construction.tyvek.com)



**Tyvek®**

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