

## Data Sheet

Protan GX membranes have been developed to cater for Fully Adhered applications. The addition of a polyester fleece to the reverse face of the membrane makes it ideal for adhering to horizontal roof decks.

Fully adhered applications may be required if:

- Penetration of the roof deck is undesirable
- Perforation of the vapour control layer is prohibited (eg. buildings with high levels of humidity like swimming pools)
- Mechanical attachment is difficult or impossible, (eg. woodwool decks)
- The roof is expected to encounter strong wind uplift

### Adhesive

Protan offer two different types of adhesive, Probond No. 1 and Protan bonding adhesive.

Probond No. 1 is a moisture curing polyurethane system which is used to adhere GX membrane to all horizontal surfaces up to a 10° roof pitch. For roof pitches greater than 10° membrane must be mechanically fixed at the top unless the membrane reaches from eave to eave.

Protan Bonding Adhesive is a contact adhesive used to glue G membrane to upstands or details. The adhesive is applied to the substrate with a roller or brush.

Please note that due to the adhered nature of this system it is restricted to certain environments for applications.

**Protan Adhered system cannot be installed in temperatures of less than 5°C or conditions of excessive moisture.**



### Application

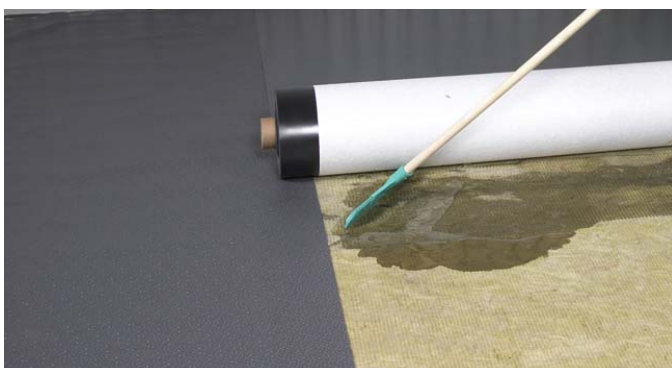
Protan's Fully Adhered System is welded similarly to all other Protan systems with laps of 100mm and a weld of 40mm. mechanical fixings are also used at changes of angle, perimeters and upstands. Fully Adhered applications can be installed on both cold and warm roofs and new and refurbishment projects.

### References

For further technical information please refer to:

- BBA Certificate 00/3755
- Protan ProBond No. 1 & Safety Datasheet
- Protan GX Membrane Datasheet
- Protan Bonding Adhesive Datasheet
- IAB Certificate 02/0263

All of the above documents are available from Protan (UK) Ltd.



### Substrates

Fully Adhered systems can be installed over:

- Asphalt (primer may be required)
- Aerated concrete
- Plywood
- Timber (boarding and boards made of wood derivatives)
- Polyurethane foam boards with wet lay glass fibre coating\*
- Mineral fibre insulation boards\*

\*As approved by Protan (UK)