

# Xtra-Gard Tradebond

Xtra-Gard Tradebond is a glass fibre reinforced oxidised bitumen membrane with mineral granules on the upper surface.

## INTENDED USE

Xtra-Gard Tradebond is intended for use as a 'pour-and-roll' capsheet in a bitumen built-up roof system. Membranes should be installed in accordance with the manufacturer's guidelines.

|                              |   |
|------------------------------|---|
| <b>Upper Surface</b>         | Mineral granules with silica sand to overlap selvedge |
| <b>Lower Surface</b>         | Silica sand   |
| <b>Material</b>              | Oxidised Bitumen                                      |
| <b>Type of Reinforcement</b> | Glass fibre 95g/m <sup>2</sup>                        |

| Characteristic                 | Test Method    | Value or Statement | Tolerance | Units             |
|--------------------------------|----------------|--------------------|-----------|-------------------|
| Length                         | BS EN 1848-1   | 10                 | ±0.1      | m                 |
| Width (inc. Selvedge)          | BS EN 1848-1   | 1                  | ±0.02     | m                 |
| Mass per unit area             | BS EN 1849-1   | 3.82               | ±0.2      | kg.m <sup>2</sup> |
| Effective thickness            | BS EN 1849-1   | 3.0                | ±0.2      | mm                |
| Water tightness                | BS EN 1928 (B) | Pass               | -         | -                 |
| Tensile strength               | BS EN 12311-1  | 700 (MD); 450 (TD) | ±20%      | N/50 mm           |
| Elongation                     | BS EN 12311-1  | 2.8 (MD); 3.1 (TD) | ±15%      | %                 |
| Dimensional stability          | BS EN 1107-1   | ≤ 0.5              | -         | %                 |
| Flexibility at low temperature | BS EN 1109     | ≤ -10              | -         | °C                |
| Flow resistance at elev. temp  | BS EN 1110     | ≥ 105              | -         | °C                |

MD = Machine Direction. TD = Transverse Direction.

## PACKAGING

| Description               | Roll Dimensions | Rolls per pallet | Product Code    |
|---------------------------|-----------------|------------------|-----------------|
| Xtra-Gard Tradebond Green | 10m x 1m        | 25               | <b>10001189</b> |

## STORAGE

Materials for reinforced bitumen membrane roofing should be stored upright on clean dry level surfaces, undercover and clear of the ground. The same protection should be given to materials temporarily kept outdoors or on the roof during construction. Storage temperatures should be between 0°C and 30°C. Refer to BS 8000-4 (Section 2.1.2.2) for further information.

## INSTALLATION SUMMARY

Xtra-Gard Tradebond membranes are applied using traditional 'pour & roll' techniques. The membrane is to be installed in accordance with current and relevant standards such as BS 8217, BS 6229 and BS 8000-4.

For further details please consult our Flat Roofing Product Installation Guidelines or contact our BMI Icopal technical services team.

## SAFETY, QUALITY & ENVIRONMENT

BMI Icopal membranes are manufactured under a Quality Management System approved to ISO 9001: 2015 and an Environmental Management System approved to ISO 14001: 20015, by TÜV NORD CERT GmbH

Information regarding transportation, handling, storage and disposal can be found on the relevant Safety Data Sheet.



## TECHNICAL SERVICES

For further information and technical support, please contact our technical services team:

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Product, technical standards and codes of practice are under constant review. We reserve the right to change and amend products and information without prior notice. For the latest information, suitability and specification advice, please contact BMI Icopal technical services team.