



Anderson[®] Trade 3B



EN 13707

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0086-CPD-505779

TECHNICAL DATA SHEET

| | |
|-----------------------|----------------------|
| Surface Upper | Silica sand |
| Surface Lower | Silica sand |
| Material | SBS-modified bitumen |
| Type of Reinforcement | Glass fibre |
| Typical Thickness | 1.7 mm ±0.2 |

| Characteristic | Test method | Value or statement | Tolerance | Units |
|--------------------------------|----------------|------------------------|-----------|--------------------|
| Visible defects | EN 1850-2 | pass | - | - |
| Length | EN 1848-1 | 20.0 | ±0.1 | m |
| Width | EN 1848-1 | 1.0 | ±0.02 | m |
| Straightness | EN 1848-1 | < 20 | - | mm/10m |
| Mass per unit area | EN 1849-1 | 2.0 | ±0.25 | kg·m ⁻² |
| Effective thickness | EN 1849-2 | NPD | - | mm |
| Water tightness | EN 1928 (B) | pass | - | - |
| External fire performance* | EN 13501-5 | F _{ROOF} (t4) | - | - |
| Reaction to fire | EN 13501-1 | Class F | - | - |
| Tensile strength | EN 12311-2 (A) | 450 (MD); 320 (TD) | ±20% | N/50 mm |
| Elongation | EN 12311-2 (A) | 2.5 (MD); 2.5 (TD) | ±35% | % |
| Dimensional stability | EN 1107-1 | ≤ 1 | - | % |
| Flexibility at low temperature | EN 1109 | ≤ -10 | - | °C |
| Flow resistance at elev. temp | EN 1110 | ≥105 | - | °C |

NPD =No Performance Determined. MD = Machine Direction. TD =Transverse Direction.

* The external fire performance of a roof is dominated by the built-up roof system. No performance can be assessed for the product alone.

Description of Product

Anderson[®] Trade 3B is a glass fibre reinforced SBS-modified bitumen membrane.

Type of application

Anderson[®] Trade 3B is intended for use as a 'pour-and-roll' underlay/base layer in a bitumen built-up roof system.

Membranes should be installed in accordance with the manufacturer's guidelines.

Compatibility

The material is compatible with all materials normally used in roofing structures and finishes and may be cut and formed using techniques described in BS 8217:2005. There are no harmful side effects associated with this material.

Hydrocarbon solvent based products, such as naphtha, paraffin and creosote will have a harmful effect and should not be allowed to come in to contact with the material.

Storage & Transportation

Rolls are delivered on pallets, covered with shrink wrapped bag. These materials should, when removed from pallets, be stored upright on a firm flat surface, kept dry and protected from mechanical damage and heat sources. **Do not store rolls laid flat.** Storage temperatures should be between 0°C and 30°C. **Stacking two pallets high is only permitted if the lower pallet rolls are reeled on a cardboard core. Plywood spacer boards must be placed between pallets.** Icopal is not responsible for damage when the above instructions are not followed.

Factory Ref: S0001-01-100

NOTE: This information is given in good faith being based on the latest knowledge known to Icopal Limited. Whilst every effort has been made to ensure the contents of the publication are current while going to press, customers are advised that products, techniques and Codes of Practice are under constant review and liable to change without notice.