

# Tecnatorch SBS

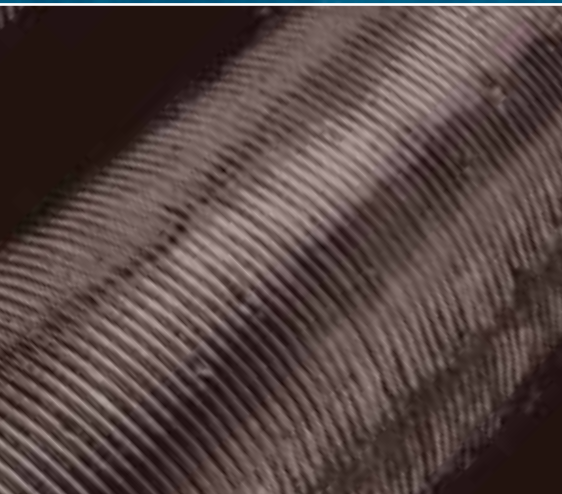
Energy Efficient Roofing Membrane  
with Groove Technology

**Anderson  
Monarflex**



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A torch applied  
low melt range  
of reinforced  
bitumen roofing  
membranes  
incorporating  
patented groove  
technology.



# Tecnatorch SBS

## Energy Efficient Roofing Membrane with Groove Technology

### 25% less gas, 30% faster.

Only minimal heat is required to apply Tecnatorch as the heat is channelled quickly along the unique grooves ensuring a 100% secure bond quickly.



The groove profile increases the surface area of the bitumen by 40% and contact of the film across the peaks only allows it to be dispersed 30% faster.



### Low heat-reactive blends

The grooved membrane with low heat reactive blends has greatly improved melt properties when compared with normal torch-applied membranes.



### Wide choice of colours.

Tecnatorch is available in Green, Blue/Grey, Brown or Charcoal mineral finishes as well as traditional Sanded finish.

**Tecnatorch SBS high performance elastomeric torch-on capsheets feature a unique patented groove profile that uses 25% less gas and allows up to 30% faster application than traditional torch-on membranes.**

Only a minimal heat application is required to activate the unique adhesive properties of the special resin bitumen. The heat is then channelled quickly along the grooves and disperses rapidly along the roll. This form of application ensures maximum adhesion with the minimum use of energy, providing an instant 100% secure bond.

Tecnatorch capsheets have proven their performance in all kinds of roofing applications time and time again and have a life expectancy of 20 years.

### Features and Benefits

- Proven product performance
- Unique patented grooves system
- Technically advanced low heat-reactive bitumen
- Exceptional bond strength
- Greater lap security
- Safer low flame application
- Reduced energy consumption
- Easy to handle and apply
- Easy to cut
- Wide choice of colours
- Ideal for use with Anderson Total Torch and Torch Safe systems
- FireSmart® fire retardant versions available

### FireSmart® Tecnatorch

FireSmart® Tecnatorch capsheets have all the benefits of standard Tecnatorch capsheets but they also incorporate Icopal's unique FireSmart® technology, producing capsheets that provide a fire protection layer, shielding the roof from both spread of flame and fire penetration.

FireSmart® is the first flat roofing membrane system approved by the Loss Prevention Certification Board (LPCB), whose standards are used by many insurance companies when assessing potential fire risk. It is also the first fire protection built up roofing system to be listed in the Red Book "List of Approved Fire and Security Products and Services."

Although advanced in their formulation, FireSmart® products are easy to install, using conventional torch-on application.

*For full details see our FireSmart® systems brochure.*



## Applications

Tecnatorch SBS capsheets have been developed for use in high performance built-up systems on flat, pitched or curved roofs. When incorporated in a suitably designed multi-layer system they will greatly improve the long term performance of that system. The sanded material is particularly suitable for use in inverted roof designs where an appropriate insulant is placed above the capsheet.

## Durability

Correctly installed and maintained, built-up roofing incorporating Tecnatorch SBS Capsheets can be expected to last in excess of 20 years.

## Guarantees

When Tecnatorch SBS capsheets are installed by an Icopal approved contractor and as part of an Icopal specified built-up system, comprehensive guarantees covering materials, workmanship, system design, consequential loss and insolvency are available.

## Working Characteristics

These membranes should be installed in accordance BS 8217: 2005, Code of practice for reinforced bitumen membranes for roofing, and to Icopal specifications. Application is by low flame torching to remove the thermofusible film from the underside of the product and activate the bonding bitumen.

The membrane is applied with minimum 75mm side and 100mm end laps.

## Health and Safety

The Health and Safety data sheet relating to Tecnatorch SBS is available from Icopal Technical Services Department.

Alternatively, Health and Safety data sheets for all Icopal products are available as down-loads from the Icopal web site:

**[www.icopal.co.uk](http://www.icopal.co.uk)**

## Sitework

The requirements for transport, handling and storage of Tecnatorch SBS Grooves membranes are similar to those for other roofing felts. Rolls must be stored on end on a firm, flat surface be protected from mechanical damage and kept dry.

## Product Data

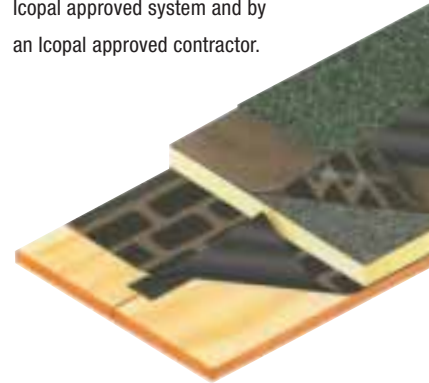
Surface finish	Sanded or Mineral
Reinforcement	Polyester
Underside finish	Grooves with thermofusible film
Nominal thickness	Sanded finish – 4.0mm Mineral finish – 4.2mm
Weight	4.87kg/m <sup>2</sup>
Tensile strength (±20%)	Longitudinal – 790N/50mm Transverse – 500N/50mm
Elongation at break	Longitudinal – 24% Transverse – 23%
Cold bend temp (EN1109)	-10°C

## Product Availability

Roll Size / Weight	Colour/Finish
1m x 7.5m / 40kg	Sanded
	Green Mineral
	Blue/Grey Mineral
	Brown Mineral
	Charcoal Mineral

## Guaranteed up to 20 years

when installed as part of an Icopal approved system and by an Icopal approved contractor.



Tecnatorch is the ideal capsheet for use with Anderson Total Torch and Torch Safe systems.

## Help and Advice

To assist specifiers and contractors, Icopal offers **FREE** technical support and advice on all aspects of waterproofing including producing detailed and complete system specifications.

For further information call

**0161 865 4444**

e-mail [info.uk@icopal.com](mailto:info.uk@icopal.com)

or visit [www.icopal.co.uk](http://www.icopal.co.uk)



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## Total building protection from a single source

When you deal with Icopal you'll enjoy all the advantages of sourcing a full range of top brand products from one supplier

**Protection for flat roofs**

- Built up roof systems
- Single ply roof systems
- Green roof systems
- Liquid waterproofing systems
- Fire protection roofing systems
- Roofgard accessories

**Protection for pitched roofs**

- Warm and cold pitched roof systems
- Breather membranes
- Vapour control layers
- Non-permeable underlays

**Sound protection**

- Acoustic systems

**Structural protection**

- Damp proof membranes
- Damp proof courses and cloaks
- Containment membranes
- Gas control systems
- Tanking/below ground waterproofing

**Protection for people and the worksite**

- Standard and fire retardant scaffold sheeting
- Fall protection safety systems
- Edge protection safety systems

Every effort has been taken in the preparation of this brochure to ensure the accuracy of representations contained herein. Recommendations as to the use of materials, construction details and methods of installation are given in good faith and relate to typical situations. However, every site has different characteristics and reliance should not be placed upon the foregoing recommendations. Advice can be given as to specific applications of the products, upon request.

