

# MixFELT P50

Reinforcing Polyester fleece for water proofing systems

**MixFELT P50** suitable for using with MixGUARD water proofing systems either as a strip for crack bridging or as a part of fully reinforced fleece system to minimize excessive shrinkage of the membrane, for detailing and all installations required to conform to ETAG-005-8. MixFELT P50 is an excellent reinforcing fabric with significant advantages over conventional meshes and bitumen felt specially in aggressive humid and temperature conditions.

## Appropriation

As a reinforcement in Waterproofing of

- Construction joints
- Roof & Terrace
- Corners / chamfers of roof parapets
- Pre-cast joints
- Suitable for new construction and refurbishment
- Repair of old membranes

## Characteristics

- Provide strong reinforced water proof membrane with enhanced elongation property
- Suitable for every profile of substrate
- Provides integral protection ensuring protection throughout concrete joints / corners
- In uneven area waterproofing
- Increases puncture and tear resistance of membrane
- Flexible and soft
- Increase the durability of membrane
- Ensure the correct thickness of water proof membrane
- Reduces pin holes due to outgassing & Permits wet on wet application of elastomeric coatings

## Technical Data & Properties

Form	: Solid
Color	: White
Density	: 70g/m <sup>2</sup>
Composition	: Polyester fiber reinforced fabric
% of Elongation ASTMD-5034	: 200% ±5%
Elongation resistance ASTM D 1682	: 23N/mm <sup>2</sup>
Tear resistance ASTM D1117	: 23N/mm <sup>2</sup>
Layer thickness ASTM D 5729	: 70mils ±5%

## Product Management

Surface should be thoroughly cleaned and primed prior to embedding the MixFELT P50 (see methodology of reinforced MixGUARD® Water proof systems). The fleece should be saturated or dip into the recommended polymer to ensure continuity of the system, apply wet roller over the top side with light pressure to saturate and ensure that air pockets are completely removed and to obtain a even texture and appearance. Keep an overlapping of minimum 100 mm in joints. Apply subsequent coats over the fleece with roller or brush. Stretch the fleece to avoid air bubbles and if any occurred in initial coat shall be cut and repair with additional piece of fleece. Connections to the surface like parapet, adjacent wall waterproofing should be made with a minimum 10 cm skirting and keep 25 mm below the coating.

## Packing & Storage

MixFELT P50 is available in rolls  
 Width: 1.60 m  
 Length: 200 / 250m



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Shelf life: Indefinite, store flat and wrinkle free in original unopened and undamaged sealed packing @10 to 35°C

## Points to be noted

Avoid creating wrinkles and creases during storage, as they will tend to be visible in finished membrane after application.

Store rolls on their side and not on end.

Any repairs required to achieve a level surface must be performed prior to application (consult a FAB representative for guidance on various solutions). Surface irregularities may reflect through the cured system.

Do not apply to a porous or damp surface where moisture vapor transmission will occur during application and cure.

Substrate must be dry prior to application. Do not apply to a frosted, wet or damp surface. Allow sufficient time for the substrate to dry after rain or inclement weather as there is the potential for bonding problems.

## Health & Safety

MixFELT P50 fleece contains no hazardous substance or mixture. Protective clothing such as gloves and goggles shall be worn whilst handling. Wearing long sleeve overall, safety shoes and face mask is recommended for maximum safety. Ensure product is stored as instructed on the safety section of the labeling. For more details, please refer to the MSDS released on each FAB product

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Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hands - on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambiance. climatic disparity in temperature, humidity, etc... and porosity of substrate may impinge on the values.

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