

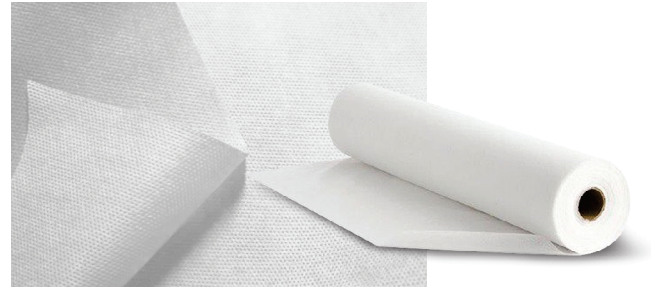
KWICKFELT™ SB40

Multi-purpose waterproofing reinforcement

DESCRIPTION

KWICKFELT™ SB40 is a nonwoven geotextile manufactured from high quality polypropylene polymers. The fibers are thermally bonded through thermo-calendared process to form a strong, flexible and dimensionally stable fabric structure, with optimum pore sizes and high permeability.

KWICKFELT™ SB40 is resistant to chemicals and biological organisms normally found in soils and is stabilized against degradation due to shorter exposure to ultraviolet radiation.



Product Data Sheet

PRODUCT BENEFITS

Non-Decay

Does never decay under submerged condition due to PP content.

Anti-Ageing

Weathering resistance properties and long serviceable life.

Flexible

Excellent cold flexibility, high breaking elongation and tensile properties.

High Strength

High mechanical strength and abrasion resistant due to PP reinforcement.

Non-Toxic

Environment friendly, odourless and tasteless.

Cold Applied

Eliminates fire hazard during application.

Good Adhesion

Good Adhesion to waterproofing coatings due to optimum design of pore, size and permeability.

PRODUCT FEATURES

AVAILABLE PACKS



KWICKFELT™ SB40 is available in white color rolls with 40gsm and 1 mtr (width) x 100 mtr (length).

RECOMMENDED USAGE



Cement Fiber Board Panels/Dry Walls



Building Podium



Wet Areas (Bathrooms/Kitchen)



Industrial Terrace



Flat Rooftops



Terrace Garden



Basement & Foundations



Corners & Intersections



Crack protection & Cold joints

TECHNICAL DATA

SPECIFICATION				
Property	Unit	Test Standard	Tolerance	KWICKFELT SB40
Nominal Mass (Minimum)	g/m ²	D-5261	+/- 10%	40
Thickness @ 2 kpa	mm	D-5199	-10%	0.52
Physical Characteristics	-	-	-	Nonwoven Spounbond
Polymer	-	-	-	100% Polypropylene
Grab Tensile Strength (MD/CD)	N	D-4632	-	45/48
Tensile Elongation (MD/CD)	%	D-4632	-	60/70
Permittivity	S ⁻¹	D-4491	-	2.9
Roll weight	KG	-	+/-10%	4

DIRECTION TO USE

Using 40gsm spunbond geotextile of **KWICKFELT™ SB40** in building structures to reinforce waterproofing coatings can be beneficial. Here's a general guideline on how to use it:

- **Surface Preparation:** Ensure that the surface is clean, dry, and free from debris, dust, and other contaminants. Proper surface preparation is essential for the success of waterproofing.
- **Primer Application:** Apply a suitable primer to the prepared surface. This will enhance adhesion between the surface and **KWICKFELT™ SB40**.
- **KWICKFELT™ SB40 Installation:** Cut the **KWICKFELT™ SB40** geotextile to the required size and carefully place it over the wet primed surface. Ensure that there are no wrinkles or creases in the geotextile.
- **Coating Application:** Apply the waterproofing coating over the laid **KWICKFELT™ SB40**. **KWICKFELT™ SB40** acts as a reinforcement layer and helps to distribute the coating evenly. It also provides additional tensile strength to the waterproofing system.
- **Overlapping Seams:** Overlap the geotextile seams to ensure there are no gaps in the reinforcement. The amount of overlap required may depend on the specific project and manufacturer's recommendations.
- **Additional Coats:** Depending on the project's requirements, you may need to apply additional coats of waterproofing material over **KWICKFELT™ SB40**. Follow the manufacturer's guidelines for coating thickness and drying times.
- **Curing:** Allow the waterproofing system to cure as per the manufacturer's recommendations. This is crucial to ensure its effectiveness.
- **Quality Control:** Conduct quality control inspections to check for any defects, such as air bubbles, uneven application, or areas with insufficient coating.
- **Protection:** Once the waterproofing system is in place, protect it from damage during construction and from UV exposure. Consider adding an additional protective layer if necessary.

It's essential to consult with a structural engineer or waterproofing specialist to determine the specific requirements for your building structure. The use of **KWICKFELT™ SB40** in two component Cementitious coatings, Acrylic and Polyurethane waterproofing can provide added durability and longevity to the waterproofing system when installed correctly.

- ★ **KWICKFELT™ SB40** is fully compatible with **KWICKCOAT RB 510** for durable result.

PRODUCT INFORMATION

STORAGE

The product must be stored in original and unopened packaging in dry and well-ventilated place at a temperature between +5°C and +40°C.

The product is not affected by frost.

SHELF LIFE

36 months from date of production.

DISCLAIMER

The Value Published In this leaflet are to the best of our knowledge true and correct. The Product specification may change at any time without prior notice. Not warranty is expressed or implied.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of KWICKIX products, are given in good faith based on KWICKFIX's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with KWICKFIX's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. KWICKFIX reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

CALL ON +91 72 7860 7860 TO SPEAK TO OUR SOLUTION EXPERTS

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