

TECHNICAL DATA SHEET

THERMOTEK™ SELF ADHESIVE POLYESTER 2.0 BASE SHEET

MODIFIED ROOFING
MEMBRANE WITH APP

DESCRIPTION

THERMOTEK™ SELF ADHESIVE POLYESTER 2.0 BASE SHEET is a tough modified bitumen membrane with APP (Polypropylene Atactic), special adhesives and reinforced with non-woven polyester mat which provides its high functionality characteristics. The top surface has fired sand (or polyethylene) finish and the bottom surface has a polyethylene finish.

PROPERTIES

Physical Property	Test Method (ASTM)	Value
Dimensional Stability	D 5147	DOES NOT FLOW
Longitudinal Elongation, %	D 5147	45
Transversal Elongation, %	D 5147	45
Longitudinal Tensile Strength, N (lbf)	D 5147	400 (90)
Transversal Tensile Strength, N (lbf)	D 5147	294 (66)
Low Temperature Flexibility, 14 °F (-10 °C)	D 5147	DOES NOT BREAK

PRESENTATION

Product Specifications	
Roll Size	161.46 ft ² (15 m ²)
Roll Length	49.20 ft (15 m)
Roll Width	3.28 ft (1 m)
Approx. Roll Weight	70.55 lbs (32 kg)
Roll Thickness	.08" (2.0 mm)
Top surface finish	Smooth, Sanded
Coverage	140 ft ² per roll (13.04 m ²)

SURFACE PREPARATION

The surface must be clean and dry, this means: free of any oil, grease, dirt, dust, water, snow, ponding conditions and/or debris prior to application.

APPLICATION TOOLS

Application tools needed for installation: cutting knife and pressure roller.

APPLICATION METHOD

Prior application, prepare and clean the surface, and apply SOLVENT BASED PRIMER. To begin the THERMOTEK™ SELF ADHESIVE POLYESTER 2.0 BASE SHEET installation, remove the nonstick film from one side and adhere it to the surface, proceed applying the other side in the same manner.

NOTE: for more information see the application guide.

CAUTION

Do not apply the product at temperatures below to 41 °F (5 °C) neither higher than 118 °F (48 °C). It is not recommended to apply the product when there is a rain threat. For more information see the MSDS.

STORAGE

The product must be stored on a vertical position (never horizontal), inside a closed place to avoid its exposition to sunlight during long periods of time. Maximum load: two beds with a base between them. The roll must be handled with caution in order to not damage it and to avoid cutting or perforating the membrane.



MEMBRANE

USAGE

THERMOTEK™ SELF ADHESIVE POLYESTER 2.0 BASE SHEET is designed for use in modified bitumen membrane systems or with conventional roofing, as well as is also an ideal product for repairs.

ADVANTAGES

- THERMOTEK™ SELF ADHESIVE POLYESTER 2.0 BASE SHEET:
- Protects critical points facilitating application.
 - Serves a waterproof base sheet for placing tiles or other ceramic finish.
 - Has excellent UV resistance.
 - Easy and safe application in places where using a blowtorch is a risk.

APPROVALS AND CERTIFICATIONS



We as THERMOTEK GROUP guarantee that since our products are shipped from the production plant they will be free of manufacturing defects; all the recommendations contained herein follow tests we consider as reliable and are subject to change without prior notice. THERMOTEK GROUP does not assume any responsibility for coverage, performance or injuries resulting from storage, handling or use of our products. Liability, if any, is limited to product replacement, to the terms stated within the executed warranty. TDS V4 - 2016.05.

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