



# TECHNICAL DATA

## Thermoflex 7280

### Fully Adhered SBS Fiberglass Mineral Surfaced Cap Sheet

#### DESCRIPTION

Thermoflex 7280 is composed of select distilled asphalt and select SBS (styrene butadiene styrene) polymers, reinforced with high-strength fiberglass mat. Thermoflex 7280 has a self-adhesive underside and granulated topside.

*Each roof application has unique requirements and as such may require a specific system configuration and application. This product is manufactured to our product specification and our only obligation shall be to replace such product if proven to be defective. Thermo Manufacturing Systems, LLC does not assume responsibility for any defects in application of this product, or any deficiencies in any roof or substrates on which this product is applied, nor shall Thermo Manufacturing Systems, LLC be responsible or liable for injury, loss, or damage of any kind or character, direct or consequential, arising from the application, use or inability to use this product.*

#### USES

Thermoflex 7280 is a modified cap sheet to be used in a single layer or multi-ply modified bitumen roof assembly. Depending on the roof assembly, an asphalt primer may be needed prior to installing Thermoflex 7280.

#### COVERAGE

100 sq ft

#### STORAGE STABILITY

Store off the ground on pallets or dunnage with complete protection against weather until installed.

#### LIMITATIONS

Depending upon weather conditions including but not limited to ambient and self-adhesive material temperatures, humidity, wind, cloud and sun factors, the entire self-adhesive underside of the membrane including the seam area may need to be heat activated to insure acceptable adhesion and a watertight self-adhesive seam (roofer must test membrane and seam bonds to determine which method is required to insure proper bonding and watertight side and end laps). Certain weather conditions will require the side laps to be either heat welded or hot air welded closed. End laps and "T" Joints are sealed using hot air welding techniques or where applicable heat welding or Thermoflex SBS Adhesive - Trowel Grade.

#### PACKAGING

Roll Size 32.8' x 3.28'      Rolls stocked upright on pallet - 20 rolls per pallet

#### SURFACE PREPARATION

The roof surface must be dry, smooth, clean, free from dirt or debris and structurally sound.

#### APPLICATION INSTRUCTIONS

The membranes are bonded to the properly prepared and/or primed substrate (where required) when the release film is removed and the self-adhesive underside is matted onto the approved substrate using applied pressure. Apply pressure to the membrane roll side and end laps to insure proper bonding to the substrate. All self-adhesive side laps are matted together and sealed using applied pressure.

#### WARRANTY

When installed by an approved applicator and with an approved maintenance program, various extended warranties are available for specific Thermo Materials® Roof Restoration Systems by notifying Thermo Manufacturing Systems, LLC **PRIOR** to job start. Call for details regarding warranty application documentation requirements.

## APPROVALS



## TYPICAL PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD
Weight per Roll	100 lb	
Seam Width	3.5"	
Reinforcement	Fiberglass	
Thickness, nominal	3.5 mm	
Tensile Strength MD/XMD	80 lb/in / 75 lb/in	ASTM D412
Elongation @ Break MD/XMD	30% / 30%	ASTM D412
Cold Flexibility Temperature	Pass (-13°F)	UNI 8202
Softening Point	250°F	ASTM D36
Top Surface	Granules	
Bottom Surface	Release Film	

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