



# TECHNICAL DATA

## Thermoflex 7090 - Slag

### Fully Adhered SBS Fiberglass Base Sheet

#### DESCRIPTION

Thermoflex 7090 - Slag is composed of select SBS (styrene butadiene styrene) polymers blended with distilled asphalt and reinforced with high-strength fiberglass mat with a self-adhesive underside and a fine slag topside that is ideal for cold process or hot mopping. The properly prepared fine slag surface topside allows for an optional inner ply or field cap membrane ply to be bonded either by hot mopping or cold adhesive (except over polystyrene). Thermoflex 7280 can also be installed when the Thermoflex 7090 - Slag surface is properly prepared with roof primer approved by manufacturer and is applied to all side and end lap edges not having a bitumen bleed-out prior to application.

*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 7090 - Slag is used as a modified base sheet in a multi-ply BUR or modified bitumen roof assembly. Depending on the roof assembly an asphalt primer may be needed prior to installing Thermoflex 7090 - Slag.

#### COVERAGE

150 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 end laps). Certain weather conditions will require the side laps to be either heat welded or hot air welded closed.

#### PACKAGING

Roll Size 45.75' 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 membrane is 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. Pressure is applied to the membrane roll ends to insure proper bonding to the substrate. Self-adhesive side laps are matted together and sealed using applied pressure. End laps and "T" Joints are sealed using Thermoflex SBS Adhesive.

#### 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	85 lb	
Seam Width	3"	
Reinforcement	Fiberglass	
Thickness, nominal	1.5 mm	
Tensile Strength MD/XMD	75 lb/in / 60 lb/in	ASTM D412
Elongation @ Break MD/XMD	3% / 3%	ASTM D412
Cold Flexibility Temperature	Pass (14°F)	UNI 8202
Softening Point	240°F	ASTM D36
Top Surface	Refractory Slag	
Bottom Surface	Release Film	

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