

## PRODUCT DATA SHEET

## Sika® BituSeal T-140 MG (TH)

HIGH PERFORMANCE APP MODIFIED BITUMEN WITH GRANULE (SLATE)  
FINISHED SURFACE, TORCH APPLIED WATERPROOFING SHEET MEMBRANE

## DESCRIPTION

Sika® BituSeal T-140 MG (TH) are quality torch applied membranes manufactured from premium grade heavily modified bitumen improved with, Atatic polypropylene (APP), reinforced with a cord of non-woven polyester fabric.

## CHARACTERISTICS / ADVANTAGES

High strength reinforcement gives excellent resistance to puncture and stress. Sika® BituSeal T-140 MG (TH) is easily torch applied and bonds well to the substrate. It is readily formed to contours, and is dimensionally stable.

## USES

Waterproofing and damp-proof membranes for:

- Concrete roof
- Floor slabs
- Outside basement

## PRODUCT INFORMATION

Reinforcing Material	~250 gm/m <sup>2</sup> Polyester
Packaging	Rolls 1 x 10 m
Appearance / Colour	Granule (Slate) Grey Granule (Slate) Green
Shelf life	48 months from the date of production If stored properly in undamaged, original, sealed packaging.
Storage conditions	Store in dry conditions between +5°C to +35°C. Rolls must be stored in their original package, in vertical position and under cool and dry conditions. They must be protected from direct sunlight, rain, snow and ice.
Length	10 m
Width	1 m
Effective Thickness	4 mm. (± 5%)

## TECHNICAL INFORMATION

Tensile Strength	Longitudinal	700 N / 5 cm	(EN 12311-1)
	Transversal	600 N / 5 cm	

<b>Elongation</b>	Longitudinal	40%	(EN 12311-1)
	Transversal	40%	
<hr/>			
<b>Flexibility at low Temperature</b>	-5°C		
<hr/>			
<b>Reaction to Fire</b>	Sika® BituSeal T-140 MG (TH) are flammable. Care should be taken not to ignite Sika® BituSeal T-140 MG (TH) during application by gas torch.		

## APPLICATION INSTRUCTIONS

### APPLICATION METHOD / TOOLS

- The application of Sika® BituSeal T-140 MG (TH) waterproofing membrane is easy and quick. The surface of the area to be waterproofed should be free of dust, dirt and protruding nibs.
- If necessary, the porous substrate should be coated with SikaProof Membrane at an application rate of 0.2- 0.8 liters per m<sup>2</sup> or according to the porosity of the surface. The SikaProof Membrane should be allowed to dry before apply the waterproofing membrane.
- The membrane is then unrolled and placed in the correct position where it is to be torched on later. The membrane softening point at 150°C.
- During each stage, each roll must overlap the next layer at least 8 -10 cm. The membrane is then re-rolled again without changing the given orientation, then it is slowly unrolled again, and its surface lightly heated, transversely, by means of propane gas torch, thus causing surface melting and subsequent adhesion to the surface.

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika'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. Sika 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.

### Sika (Thailand) Limited

700/37 Moo 5 Amata City Chonburi  
Industrial Estate, T. Klong Tamhru  
A. Muang, Chonburi 20000, Thailand  
Tel : +66 3810 9500  
E-mail : sikathai@th.sika.com  
Website: tha.sika.com



### Product Data Sheet

Sika® BituSeal T-140 MG (TH)  
March 2020, Version 01.02  
020920011990000105

SikaBituSealT-140MGTH-en-TH-(03-2020)-1-2.pdf