

## PRODUCT DATA SHEET

## Sikaplan®-210 PE

1.0 mm thick flexible LDPE sheet membrane

## DESCRIPTION

Sikaplan®-210 PE is a 1.0 mm thick LDPE based sheet membrane designed for on-grade and below-grade applications of reinforced concrete structures. It is loosely laid under concrete slabs or between layers in flooring systems to act as a moisture barrier or separation layer. The sheet is non-reinforced, flexible, and chemically resistant, offering protection against water ingress in horizontal and vertical structures.

## USES

Sikaplan®-210 PE is used as damp-proofing or separation layer in:

- Roof application
- Ground-supported concrete floor slabs
- Floating or unbonded screeds
- Base layers for waterproofing systems
- Substructure protection for insulation boards or drainage layers

## CHARACTERISTICS / ADVANTAGES

- Easy to install by unrolling and overlapping
- Good resistance to ground moisture
- Chemically inert and rot-proof
- Compatible with most insulation and concrete systems
- Prevent upward moisture migration
- Suitable for use under lean concrete or screed layers

## PRODUCT INFORMATION

Composition	Low density polyethylene (LDPE)
Packaging	Sikaplan®-210 PE is wrapped individually in transparent plastic
Colour	Yellow
Shelf Life	24 months from date of production
Storage Conditions	Product must be stored in original unopened and undamaged sealed packaging, in dry conditions and away from heat and sunlight.
Length	25 m
Width	2 m
Thickness	(1.00 ± 0.1) mm

## 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.

## ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in the product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0,1 % (w/w).

## APPLICATION INSTRUCTIONS

### SUBSTRATE QUALITY

Sikaplan®-210 PE must be applied on a sufficiently stable substrate to avoid movement during the construction works.

The substrate surface must be smooth, uniform, free of sharp objects and clean.

The substrate can be damp or slightly wet, ponding water must be avoided.

### APPLICATION

Overlap sheets by a minimum of 50–100 mm.

Joints may be sealed with Sika® MultiSeal AP or SikaProof® Sandwich Tape-80 AP if watertightness is required.

Cover membrane promptly to avoid UV degradation.

## 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.

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