



PRODUCT DATA SHEET

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COMPOSITE REINFORCING

SikaWrap® Peel Ply

NYLON PEELABLE FABRIC FOR SURFACE PREPARATION OF FRP SYSTEMS

Description	SikaWrap® Peel Ply is a peelable nylon fabric used to overlay the SikaWrap® fabrics before the completion of curing process. It creates a uniform and textured (slightly rough) surface profile, in order to promote the adhesion of a subsequent protective coating or an additional ply of SikaWrap® fabric. It may also serve as a protective fabric against moisture and dirt.
Where to Use	<ul style="list-style-type: none"> Protection of structural reinforcement fabrics (CFRP & GFRP systems). For surface preparation and uniformisation (before applying another ply of reinforcement fabric or before the application of the final protective coating). May be used to stabilise the fabric at the terminations.
Advantages	<ul style="list-style-type: none"> Easy installation. Creates the required surface profile for the application of the protective coating. Economical: it avoids the need to prepare the surface mechanically. Avoid damages to the reinforcement fabric during mechanical preparation. Easily removable once the impregnation resin has cured. Compatible with different types of epoxy.

Technical Data	
Packaging	32 cm x 274,3 m (1.05 ft x 898 ft) roll
Colour	White (with red tracers)
Thickness	0.152 mm (0.006 in.)
Shelf Life	Unlimited
Fibre type	Nylon
Weight	88 g/m ² (2.6 oz/yd ²)

Product properties are typically averages, obtained under laboratory conditions. Reasonable variations can be expected on-site due to local factors, including environment, preparation, application, curing and test methods.

How to Use

Application

The SikaWrap® Peel Ply should be installed immediately on completion of the FRP system's final layer of epoxy, preferably before the epoxy cures. The sooner the SikaWrap® Peel Ply is installed, the better.

If the final epoxy layer has started to cure, apply a thin coat of Sikadur®-300 by roller before installing the SikaWrap® Peel Ply. Make sure that the quantity of resin applied on the surface is sufficient to saturate the SikaWrap® Peel Ply. To do so, keep within reach, a pan filled with Sikadur®-300 and a short nap roller (6 mm - 1/4 in). Start by rolling the SikaWrap® Peel Ply in a tubular shape, then unroll the fabric starting at the top and working down. Make sure to avoid air entrapment between the FRP fabric and the SikaWrap® Peel Ply. Press the SikaWrap® Peel Ply onto the FRP fabric with a metallic roller until the entire surface becomes translucent ('wet look') or, when needed, smoothing may be carried out manually, making sure to use protective rubber gloves. Keep a small section (a small tab of approximately 1 cm²) in a corner, uninstalled and free of epoxy, to help with removing the fabric.

Make sure the the Sikadur®-300 resin is well cured before removing the SikaWrap® Peel Ply.

The SikaWrap® Peel Ply can stay on for days, months and even years. Remove the SikaWrap® Peel Ply, by pulling on the epoxy free tab, immediately before applying the coating. Leaving the SikaWrap® Peel Ply on the surface will provide protection against contamination.

The surface finish will then look as it has been sandblasted.

Health and Safety Information

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

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL USE ONLY

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, within their shelflife. 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 recommendations, or from any other advice offered. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose. 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 or may be downloaded from our website at: www.sika.ca

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