



# ADDITIONAL METHOD STATEMENT PRIMER SOLUTION FOR SikaProof® Tape-150

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# 1 SCOPE

This method statement describes the additional optional application of bonding internal detailing tape SikaProof® Tape-150 onto the fleece side of the SikaProof® A membrane with SikaProof® Primer-01.

This priming solution can be used to improve the initial bonding ability of the internal detailing tape, especially under difficult conditions on site, such as cold, hot or wet weather.

# 2 PRODUCTS & SYSTEM

The SikaProof® A fully bonded sheet membrane waterproofing system itself is fully described in detail in the respective current Method Statement available as a separate document on request.

## 2.1 PRODUCTS

The SikaProof® A system consists of the following system components (All are always essential):

- a) SikaProof® A membrane
- b) Detailing tapes for sealing and bonding the joints and connections, external SikaProof® ExTape-150 and internal SikaProof® Tape-150

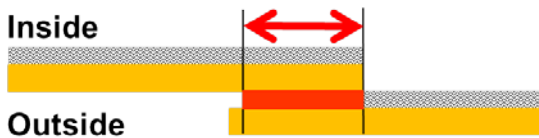


For this additional application the following component is also required: SikaProof® Primer-01 a solvent dispersed 1k primer, supplied ready to use.

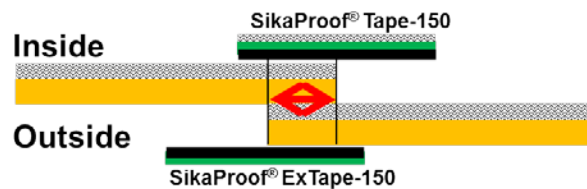
Article No.	491035	491156
Packaging:	5 kg, metal pail	12.5 kg, metal pail
Colour:	Slightly orange	
Storage, shelf life:	When stored properly, the primer has a shelf-life of 12 months from date of production (for expiry date see label). Store in unopened, undamaged, original packaging, in dry conditions and at temperatures between +5°C and +30°C.	

## 2.2 SYSTEM DESCRIPTION

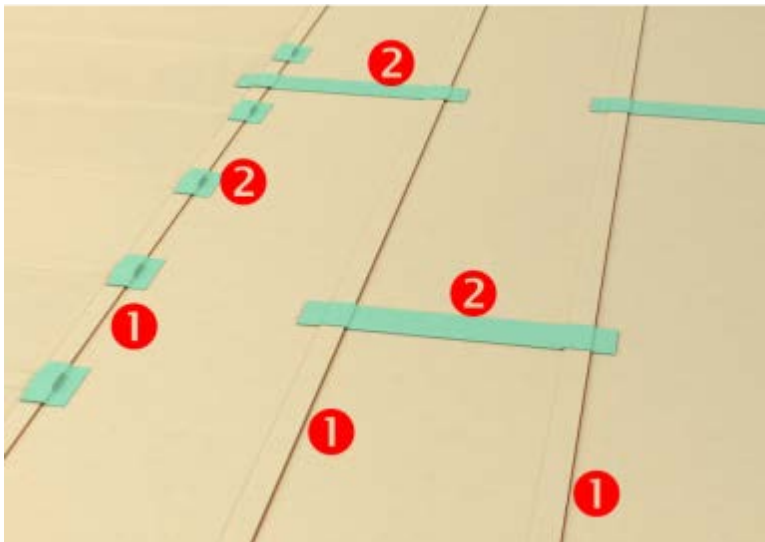
To seal and bond the SikaProof® A membrane sheets, there are two types of jointing: the prefabricated self-adhesive strip for bonding in longitudinal direction of the sheets, plus the detailing tapes, SikaProof® ExTape-150 (used externally) and SikaProof® Tape-150 (used internally) to bond and seal the transverse joints and any other detailing joints/connections required.



Prefabricated self-adhesive strip



Tapes for detailing joints and connections



① Self-adhesive strip on the longitudinal side of the **SikaProof® A** membrane sheet

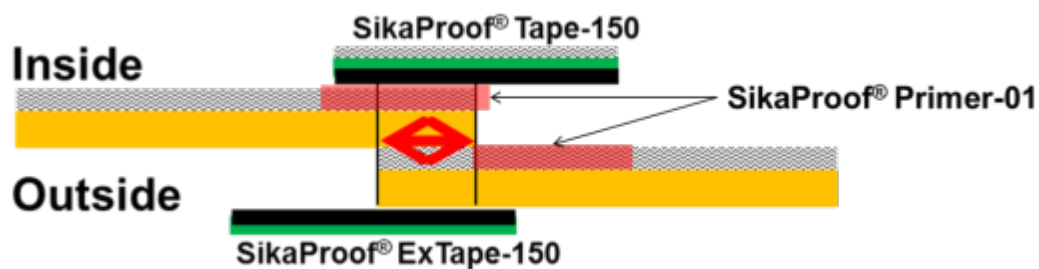
② Detailing tape bonding of transverse joints with internally applied **SikaProof® Tape-150**

View of the internal, fleece side of the SikaProof A membrane system.

### 2.3 SYSTEM BUILD-UPS

To improve the adhesion of **SikaProof® Tape-150** on the fleece side of **SikaProof® A** membrane sheets **SikaProof® Primer-01** can be used:

- to achieve high initial adhesion,
- if the ambient and surface temperatures are lower than +10°C
- if the fleece surface is damp/slightly wet (but with no standing water)



### 2.4 LIMITATIONS

This priming solution is an additional option and does not replace the defined system application and system limitations as detailed in the current Product Data Sheet (PDS) and Method Statement for **SikaProof® A**.

- SikaProof® A membranes must only be installed by Sika trained and approved contractors.

The following conditions must always be followed for the successful installation of the SikaProof® detailing tapes:

- For detailing and jointing the internal and external tapes must be installed together as defined above.
- Ambient temperature must be between +5°C and +35°C
- Minimum temperature of the surface to be bonded must be +5°C
- Protect from continuous or prolonged rainfalls during installation
- No standing water on the membrane sheets, only a damp/slightly wet fleece surface is allowed
- Bonding surfaces must be clean (especially the fleece layer)

### 3 ENVIRONMENT, HEALTH & SAFETY

#### 3.1 PERSONAL PROTECTION EQUIPMENT (PPE)

In accordance with international law, these products should be transported, stored and applied according to the appropriate local regulations. Please also observe any other relevant regulations. For more detailed information please refer to the current Product Data Sheet and Material Safety Data Sheet for **SikaProof® Primer-01**. These warning labels are included on the packaging:



In addition to the generally recommended safety instructions and equipment for works on construction sites, the following personal protective equipment (PPE) is essential for anyone working with solvent-dispersed primers or resin based chemical products, because handling or working with this type of materials can cause irritation to the eyes, skin, nose and throat.



- Appropriate eye protection should be worn at all times while handling and mixing such products.
- Safety shoes, gloves and other appropriate skin protection, such as long-sleeved shirts (or barrier cream on the skin) must be worn at all times.
- Ensure sufficient ventilation during application in closed or confined spaces. Additionally a respiration breathing mask may be required or helpful in these situations.
- Despite taking all safety precautions, if there are any instances of skin contact, then rinse immediately with clean warm water and use soap and water to thoroughly clean the skin.

Always wash hands and exposed skin with suitable soap and water after handling chemical products and before food consumption.

In the event of any spillage or contact with the eyes, always seek medical advice immediately after rinsing and cleaning the eyes with a professional eyewash kit or at the minimum with clean water. Safety glasses or other eye protection obviously reduce the risk but they can also create a false sense of security.

#### 3.2 WASTE DISPOSAL

The generation of waste should be avoided or minimized wherever possible. For further information about specific products, please refer to the respective current Material Safety Data Sheet.

Any waste from **SikaProof® A** membrane sheets and the ancillary tapes produced from synthetic polymers, plus the packaging material (cardboard and liners) can all be recycled and/or disposed of in accordance with local regulations.

Empty containers of **SikaProof® Primer-01** may retain some product residues. This material and its container must be disposed of in a safe way. Disposal of this product and any by-products should at all times comply with the requirements of local environmental protection and waste disposal legislation and any relevant local authority requirements. Avoid dispersal of spilled material and run-off including contact with soil, waterways, drains and sewers.

### 3.3 CLEANING OF TOOLS

Tools and equipment must be cleaned with suitable cleaner immediately after use.

## 4 APPLICATION & INSTALLATION

### 4.1 PREPARATION & TOOLS



For successful primer application the following additional tools and equipment are recommended:

- Personal protective equipment (PPE)
- Protective covering, such as plastic sheeting
- Cleaning cloths
- Stirrer
- Masking tape or stencil
- Application roller, recommended 100mm wide

Standard tools for SikaProof A membrane installation:

- Tape measure, marking pen
- Cutter, Scissors
- Clean, white clothes for cleaning the membrane fleece surface
- Pressure roller (large telescopic roller)

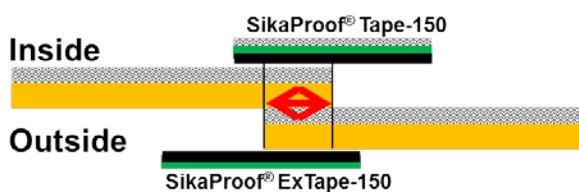
### 4.2 INSTALLATION METHOD

#### General sealing and bonding of membrane joints

Firstly the transverse joint connections and details have to be carried out as described in the current Method Statement.

- Transverse joints at the end of the sheets
- Inside & outside corners
- All other standard details

Always using the external **SikaProof® ExTape-150** together with the internal **SikaProof® Tape-150**, see above section 2.2, (except for the patching/repair of localised damages and cuts in the membrane).



The internal tape **SikaProof® Tape-150** always has to be applied last and on the top covering all of the overlaps.



## PREPARATION

### Cleaning:

The fleece layer of the **SikaProof® A** membrane sheet must be cleaned (very slight soiling or dust allowed) any standing water must be removed. Use:

- Broom or brushes
- Vacuum cleaners
- Air blowers
- Water jetting (low pressure)

See the current Method Statement.



### Recommendation:

- Produce several joints/connections together, or in stages.
- At the end of the day all joints should be fully sealed and bonded.
- Prepare the necessary equipment and materials on a trolley with a plastic film for an easy, fast working procedure moving from joint to joint.



### Preparation:

- Cut the **SikaProof® Tape-150** to size, with minimum 50mm overlaps on each side.
- Mark the final position of the tape, centered over the overlap (of the membrane sheets)
- The priming area has to be larger than the tapes (to ensure complete coverage, recommended minimum 5mm).
- Optionally use masking tape or a stencil,
- Protect the surrounding area, e.g. with a plastic sheet.



### Using SikaProof® Primer-01:

- **SikaProof® Primer-01** is supplied ready to use (do not thin or mix with other products).
- Before use always stir the primer vigorously.
- Follow the Health and Safety notes (refer to above)



## APPLICATION

### Applying SikaProof® Primer-01

- Apply uniformly and saturate the SikaProof® A fleece layer completely
- Consumption on the fleece approximately 100 g/m
- Cover the entire area on which the SikaProof® Tape-150 has to be adhered a bit larger than the taped area, recommended minimum 5mm
- Only prime the areas where SikaProof® Tape-150 will be installed the same day.



### Important note:

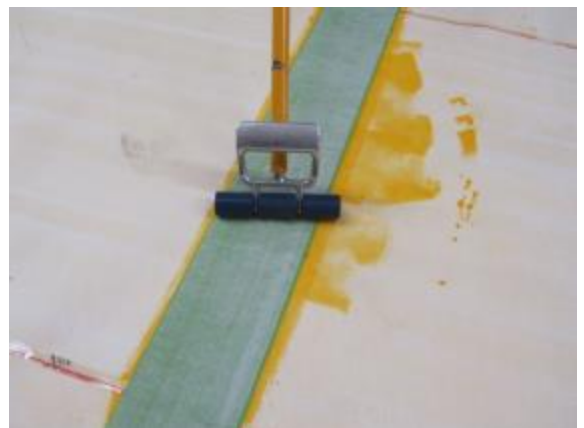
- Before adhering SikaProof® Tape-150 make sure the primer is completely dry over the entire surface (allow time for flash-off, evaporation of the solvent content)
- The drying/flash-off time depends on the environmental weather conditions (at 20°C this is approximately 30 minutes)
- Perform the "Finger Test" to confirm and the primed surface is ready for tape application when is no longer tacky.



Install the SikaProof® Tape-150 on the freshly dry primed surface.



For optimum adhesion of the SikaProof® Tape-150 it is important to press it properly and firmly into position with a pressure roller (e.g. larger "telescopic" pressure rollers can be easier to use)





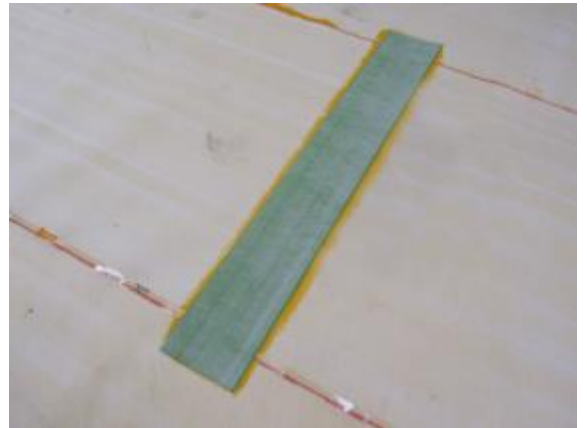
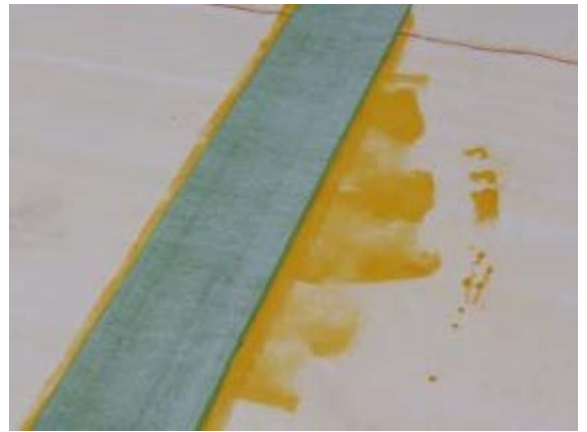
### Important note:

- To make installation of **SikaProof® Tape-150** easier and more secure, apply the **SikaProof® Primer-01** onto a larger area than the tape (recommend minimum +5mm on each side).
- If the primed area is overlapping the the applied tapes more than necessary or if there are some primer splashes to the side, this does not affect the function and performance of the **SikaProof® A** membrane system.

Finish the transverse joints with **SikaProof® Tape-150** and **SikaProof® Primer-01** where required

- for high **initial bond** strength
- at **lower temperatures** below +10°C, minimum +5°C
- on **slightly damp / slightly soiled fleece** layer

This same installation method can also be used for all other applications of **SikaProof® Tape-150** onto the fleece side of **SikaProof® A** membranes if preferred for consistency and easier Quality Control on site.



## 5 LEGAL NOTE

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 products 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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