



# WATERPROOFING

## SikaShield®

### WET APPLIED SYSTEM

### GROUND WATERPROOFING

# SikaShield® W

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## GROUND WATERPROOFING

SikaShield® W IS AN INNOVATIVE BITUMINOUS MEMBRANE WHICH IS BONDED TO THE CONCRETE SUBSTRATE WITH A SPECIAL MODIFIED CEMENT-BASED ADHESIVE.

**WITH THIS UNIQUE SYSTEM**, the most common challenges on waterproofing below ground structures are overcome, providing an effective, easy and simple application for all seasons and job requirements.

**SikaShield® W is designed for** non-exposed waterproofing applications, such as:

- Foundations
- Basement slabs and walls in contact with the ground
- Balconies
- Podium slabs
- Wet areas

### CHARACTERISTICS AND ADVANTAGES

**EASY TO APPLY:**

Minimum substrate preparation

**FAST INSTALLATION:**

Can be applied on green concrete

**ALL SEASONS:**

Application can continue once the rain stops

**SAFE TO INSTALL:**

Application in confined spaces and/or walls is simple, easy and effective

**FULLY BONDED:**

Completely adhered to the substrate

**HIGH ADHESION:**

Excellent peel adhesion to the concrete surface



**The self-priming cement-based adhesive, SikaShield® W1,** acts as levelling compound and a sealing adhesive resulting in a strong and lasting bond between the concrete substrate and the membrane, avoiding any lateral water migration and reducing the risks of leakages.

## APPLICATION STEPS:

<h1>1</h1>  <p><b>SURFACE PREPARATION</b></p> <p>Smoothen sharps and edges and make it wet with a water hose.</p>	<h1>2</h1>  <p><b>APPLICATION OF THE ADHESIVE</b></p> <p>Apply the SikaShield® W1 on the prepared substrate.</p>	<h1>3</h1>  <p><b>APPLICATION OF THE MEMBRANE</b></p> <p>Apply the SikaShield® W membranes over the adhesive while is still wet.</p>	<h1>4</h1>  <p><b>READY FOR THE NEXT STAGE</b></p> <p>Your basement is ready for the next step.</p>
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**The application of the adhesive SikaShield® W1** is simple as any other mortar. Simply mix with water and apply over the substrate with a trowel or spatula.

The SikaShield® W bituminous membrane is then applied over the adhesive while is still wet. Immediately after, the membrane sticks to the surface and the adhesion improves day by day, providing the effective fully bonded system.

After this, the waterproofing system is ready for the backfilling and to proceed with the next steps.

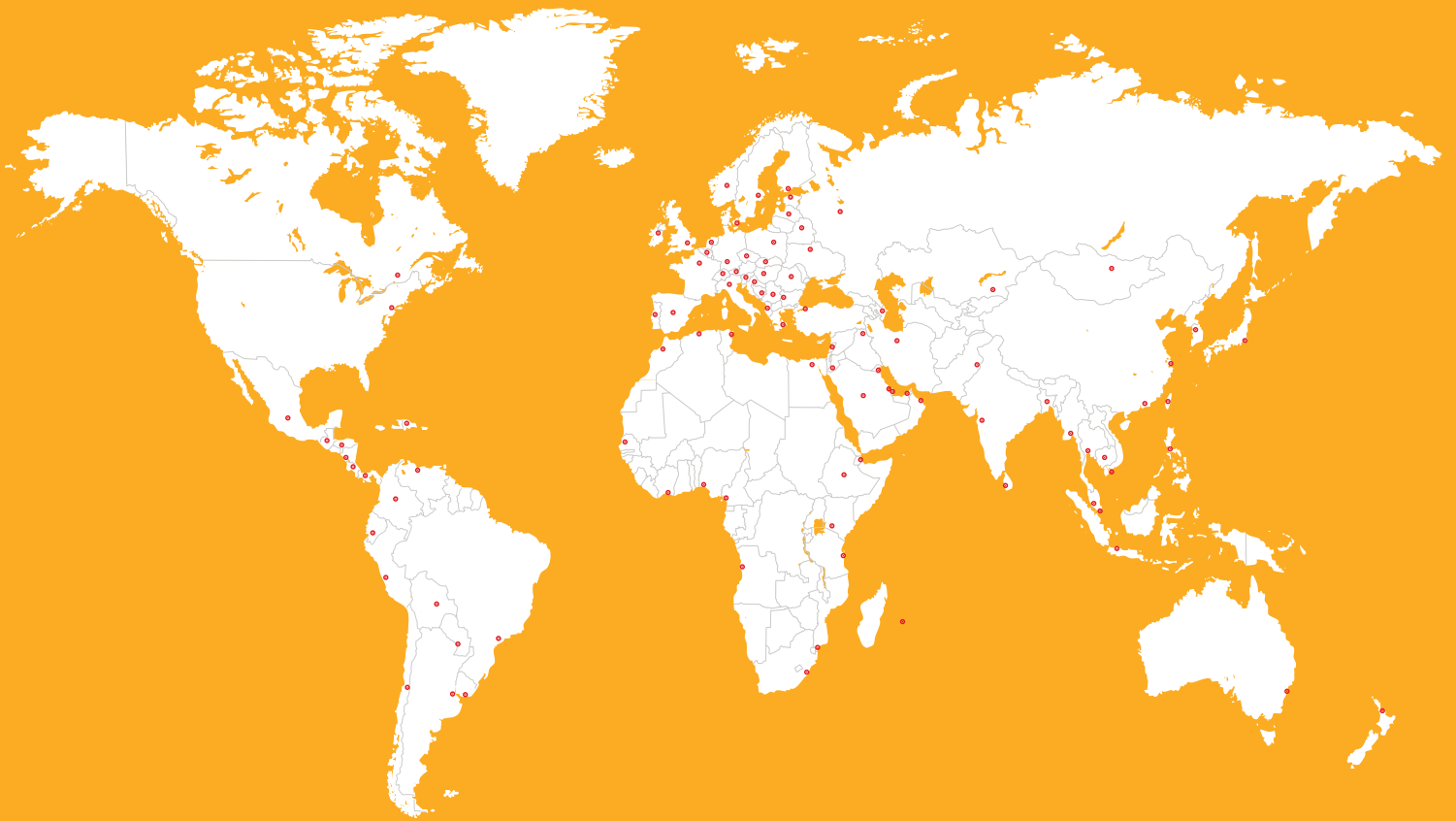
**SikaShield® W-154** , Bituminous self-adhesive 2 mm SBS membrane with PE finish and release tape.



**SikaShield® W- 1** is a one part polymer modified cementitious adhesive for bonding the SikaShield® W bituminous membranes on concrete substrates.



# GLOBAL BUT LOCAL PARTNERSHIP



## FOR MORE SIKA WATERPROOFING INFORMATION:



### WE ARE SIKA

Sika is a specialty chemicals company with a leading position in the development and production of systems and products for bonding, sealing, damping, reinforcing and protecting in the building sector and the motor vehicle industry. Sika's product lines feature concrete admixtures, mortars, sealants and adhesives, structural strengthening systems, industrial flooring as well as roofing and waterproofing systems.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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