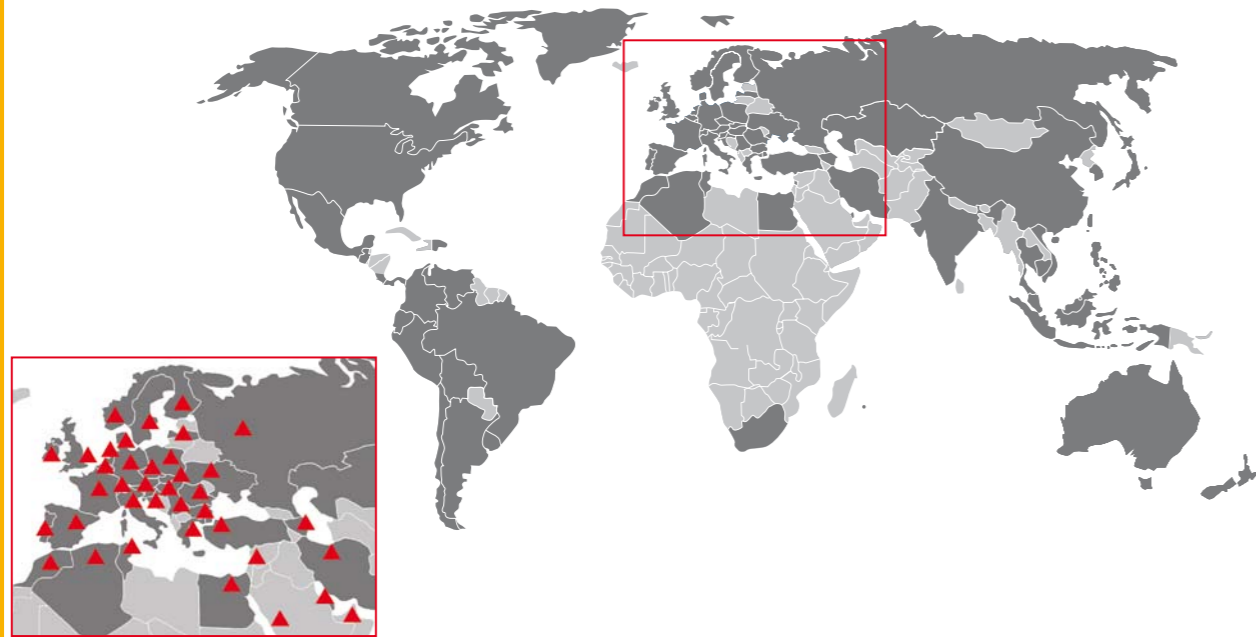
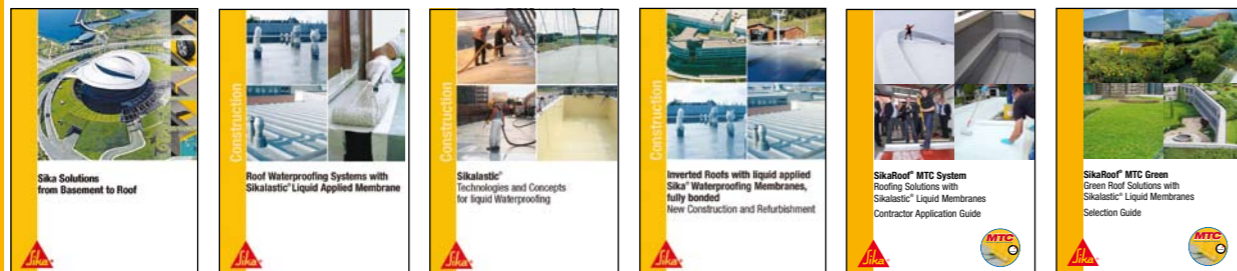


Sika® – a Global Player in Speciality Chemicals for Construction and Industry



Sika® is a globally active company in the speciality and construction chemicals business. It has subsidiary manufacturing, sales and technical support facilities in over 70 countries around the world. Sika® is the global market and technology leader in waterproofing, sealing, bonding, dampening, strengthening and the protection of buildings and civil engineering structures. Sika® has approx. 12,000 employees worldwide and is therefore ideally positioned to support the success of its customers.

Also Available from Sika



Sika Service AG
 Corporate Business Unit Contractors
 Industriestrasse 26
 CH-6060 Sarnen
 Switzerland
 Phone +41 58 436 79 66
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 www.sika.com

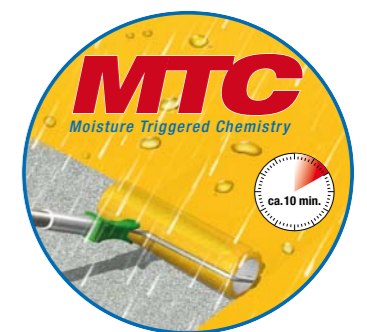
Our most current General Sales Conditions shall apply.
 Please consult the Product Data Sheet prior to any use and processing.



Corporate Marketing / BU Contractors / 05.09 / jr



SikaRoof® MTC Systems Roofing Solutions with Sikalastic® Liquid Membranes Designer Selection Guide



SikaRoof® MTC Systems - Architectural Freedom and Durable Solutions

Moisture Triggered Chemistry



SikaRoof® MTC (Moisture Triggered Chemistry) Systems incorporate a unique technology that allows the material to use atmospheric moisture to trigger the curing process. This means the waterproof membranes are capable of curing in a wide range of conditions including extreme temperature ranges and humidity variations. Unlike traditional polyurethane systems they do not release CO₂, which often causes gassing, and application is not delayed by adverse weather conditions. It is not recommended to install the **SikaRoof® MTC** systems when rain is imminent, as rainfall could affect the appearance of the product. However, once applied the membranes are waterproof and will not show an adverse reaction to water. Within the **SikaRoof® MTC** Systems is a **Sikalastic®** membrane that cures to provide completely seamless waterproof protection. Its liquid application means it can be easily applied to all complex detail areas.



Zero Flame - Zero Heat



Cold applied and with no need to use a torch, hot air guns, hot gas guns or heating equipment such as bitumen boilers, **Sikalastic®** presents no fire risk during application or once in place, and gives contractors an opportunity to lower insurance premiums. Once installed the system achieves fire ratings.

Competence and Quality

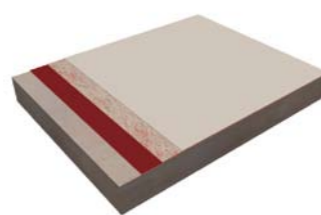
- Waterproofing professionals since 1910
- Global market and technology leader with international references
- Proven products and application techniques
- All relevant international and national approvals and certifications
- Environment friendly, no CO₂ release

Added Value on the Roof

- Extending the service life of existing roofing
- Reflective coating to enhance energy efficiency
- Easy and efficient execution of complex details

SikaRoof® MTC Exposed

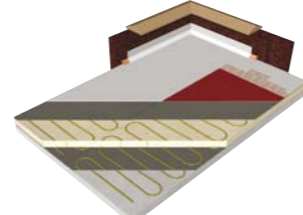
For UV stable coat, for extended life expectancy on old roofs or as reflective coating to enhance energy efficiency - or for high performance Waterproofing solutions for new construction and refurbishment projects.



- Build-up: **SikaRoof® MTC 8, 12, 18 or 22** using **Sikalastic®-601 BC** reinforced with **Sikalastic® Reemat Standard** or **Premium** and sealed with **Sikalastic®-621 TC**
- Layer thickness: 0.8 to 2.2 mm
- Consumption: ≥ 1.5 kg/m²

SikaRoof® MTC Cold Bonding

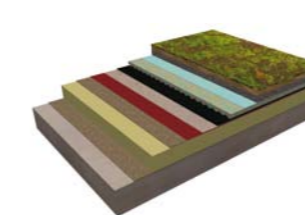
An insulated built-up roof waterproofing system suitable for new-build and refurbishment projects. Each component is bonded using a revolutionary cold fusion adhesive – no fire risk during application.



- Build-up: **Sikalastic® Vap, Sikalastic® Insulation** and **Sikalastic® Carrier** adhered with **Sikalastic® Coldstick**, waterproofed with **SikaRoof® MTC 12, 18 or 22**
- Layer thickness: 1.2 to 2.2 mm
- Consumption: ≥ 2.2 kg/m²

SikaRoof® MTC Green

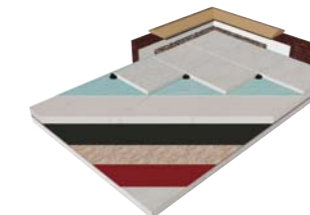
For intensive and extensive green roofs to enhance the aesthetics of the building, to improve thermal performance, to aid noise reduction, to provide habitats for plants and animals, to reduce storm water run off and to



- absorb CO₂.
- Build-up: **SikaRoof® MTC Green** using **Sikalastic®-602 BR** reinforced with **Sikalastic® Reemat Premium** and sealed with **Sikalastic®-622 TR** or **Sikalastic®-623 DR**, applied to warm or inverted roof designs depending on the structural loading required
- Layer thickness: 2.0 mm
- Consumption: ≥ 3.4 kg/m²

SikaRoof® MTC Ballast

For gravel and paver ballasted roofs to provide a natural looking surface, to protect from potential damages and to offer an none combustible surface.



- Build-up: **SikaRoof® MTC Ballast** using **Sikalastic®-602 BR** reinforced with **Sikalastic® Reemat Premium** and sealed with **Sikalastic®-622 TR** or **Sikalastic®-623 DR**
- Layer thickness: 2.0 mm
- Consumption: ≥ 3.4 kg/m²

Project Related Requirements and Functions of Roofing Systems

- Single-component product
- Low-temperature stability.
- Highly elastic and crack-bridging
- Easy application by brush, roller or airless spray equipment even when accessibility is limited
- Root resistant
- Withstands mechanical loads of pedestrian and light wheeled traffic
- Fire-resistant
- Resistant to wind uplift
- UV resistant and resistant to yellowing
- Thermal-shock resistant, i.e. will not be damaged by extended or sudden thermal exposure to ice, hail, rain, direct sunlight or rapid thermal swings
- Vapour permeable
- Bonds fully to most substrates, preventing the migration of water
- Seamless waterproofing membrane
- Compatible with bituminous felts.
- Slip resistant (with quartz sand topping)

Key Benefits

- Freedom of design for complex roof shapes.
- Completely seamless fully-bonded waterproofing system reducing the risk of leaks due to failure of joints.
- Cold applied - cold fusion bonded, zero heat, zero flame application
- No fire watch required during application - installed system achieves highest fire ratings
- Sikalastic® MTC** has been independently approved by BBA
- High tensile strength - resists tear from building movement
- High elasticity - allows for greater thermal movement
- Compatible with bitumen

Support and Service in Every Phase

- Support in project specifications
- Complete systems from vapour control layer to liquid waterproofing membrane.