



ROOFING

SikaRoof® MTC-UV SYSTEM

ROOFING SOLUTIONS WITH SIKALASTIC® LIQUID MEMBRANES
DESIGNER SELECTION GUIDE

BUILDING TRUST



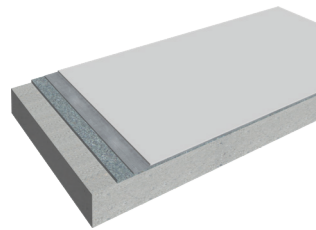
SikaRoof® MTC-UV SYSTEM

Architectural freedom and durable solutions



SikaRoof® MTC-12 UV

SikaRoof® MTC-12 UV is a cold-applied, seamless, highly elastic and UV-stable moisture triggered polyurethane roof waterproofing system consisting of Sikalastic®- 488 and Sikalastic®-622 Excel Top PLUS. Suitable for use in hot and tropical climatic conditions.

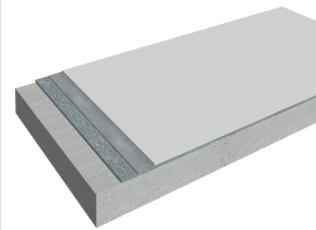


Build-up: Sikalastic® 100 EP Primer followed by Sikalastic® 488 @ 1.2mm DFT and Sikalastic® 622 Excel Top PLUS @ 0.35mm DFT
Total system thickness: 1.55 mm DFT



SikaRoof® MTC-14 UV

SikaRoof® MTC-14 UV is a cold-applied, seamless, highly elastic and UV-stable moisture triggered polyurethane roof waterproofing system consisting of Sikalastic®- 488 and Sikalastic®- 701. Suitable for use in hot and tropical climatic conditions.

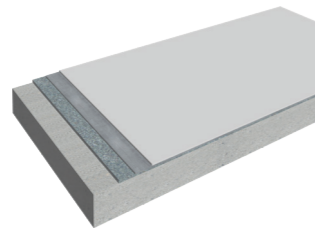


Build-up: Sikalastic® 100 EP Primer followed by Sikalastic® 488 @ 1.4mm DFT and Sikalastic® 701 @ 0.22mm DFT
Total system thickness: 1.66 mm DFT



SikaRoof® MTC-20 UV

SikaRoof® MTC-20 UV is a cold-applied, seamless, highly elastic and UV-stable moisture triggered polyurethane roof waterproofing system consisting of Sikalastic®- 488 and Sikalastic®- 701. Suitable for use in hot and tropical climatic conditions.



Build-up: Sikalastic® 100 EP Primer followed by Sikalastic® 488 @ 2.0mm DFT and Sikalastic® 701 @ 0.22mm DFT
Total system thickness: 2.22mm DFT



SikaRoof® MTC-UV SYSTEM comprise of Sikalastic® liquid-applied membranes that cure to provide completely seamless waterproof protection. Their liquid application means that they can be easily applied to all complex detail areas.

KEY BENEFITS

- Freedom of design for complex roof shapes
- Completely seamless fully-bonded waterproofing system reducing the risk of leaks due to failure of laps
- Cold applied - cold fusion bonded, zero heat, zero flame application
- All Sikalastic membranes in the MTC-UV system have been independently tested and have AS4654.1-2012 product approval
- High tensile strength - resists tear from building movement
- High elasticity - allows for greater thermal movement

MTC-UV SYSTEM WARRANTY:

SikaRoof® MTC-12 UV: Up to 10 years

SikaRoof® MTC-14 UV: Up to 15 years

SikaRoof® MTC-20 UV: Up to 20 years

Please consult with your local Sika Representative before commencement of project to confirm the warranty period that can be supplied for each specific application.

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.

SUPPORT AND SERVICE IN EVERY PHASE

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

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, Low VOC

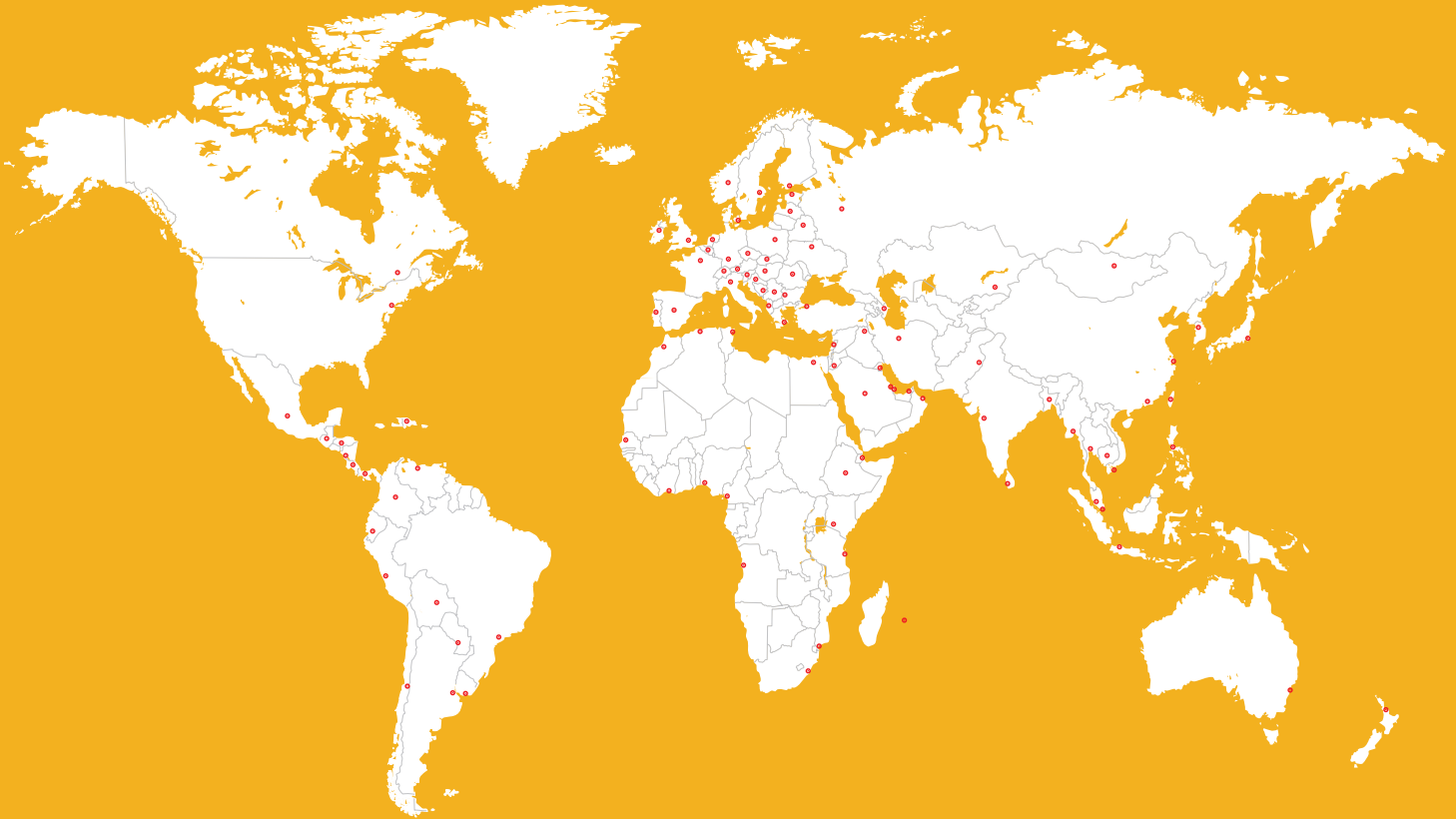
ADDED VALUE ON THE ROOF

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

PROJECT RELATED REQUIREMENTS AND FUNCTIONS OF ROOFING SYSTEMS

	Single component base coat utilised in all systems		Withstands mechanical loads of pedestrian and light wheeled traffic
	Low-temperature stability.		Slip resistant (with quartz sand topping)
	Highly elastic and crack-bridging		Resistant to wind uplift
	Easy application by brush, roller or airless spray equipment even when accessibility is limited		UV resistant and resistant to yellowing
	Bonds fully to most substrates, preventing the migration of water		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
	Seamless waterproofing membrane		Vapour permeable

GLOBAL BUT LOCAL PARTNERSHIPS



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, flooring as well as roofing and waterproofing systems.

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