



ROOFING

Sikalastic®-641

ONE COMPONENT HIGH SOLIDS LIQUID APPLIED POLYURETHANE MEMBRANE
WITH LOW ODOR

BUILDING TRUST



Sikalastic®-641

The next generation of single component liquid roof waterproofing membranes

Sikalastic®-641 IS THE NEXT GENERATION of Sikalastic® MTC Systems, with reduced VOC content and a new Sika patented i-cure hardener for lower odor development during as well as after the curing process.

One of the main issues facing the use of liquids in various refurbishment situations, still relates to the odor emitted during and for a short period after application.

Sikalastic®-641 is a unique product, using Sika patented i-cure hardener technology, which has been developed specifically for use in highly sensitive site areas, such as hospitals, schools, food and pharma industry, etc.

Sikalastic®-641 presents opportunities for architects, specifiers and contractors, to use liquid applied waterproofing in these sensitive areas.

LOW ODOR SCIENTIFICALLY PROVEN

The odor reduction with Sikalastic®-641 compared to conventional 1C PUR System has been scientifically tested by Odournet, an independent and specialized laboratory for odor assessment. All sampling and analysis was undertaken under standardised conditions with the following internationally accepted standards forming the basis for the analyses:

- Odour concentration (EN 13725:2003)
- Intensity (VDI 3882)
- Hedonic tone (VDI 3882 and ISO 16000-28 (D))



FEATURES AND BENEFITS

- Single component – no mixing, easy and ready to use
- Cold applied- requires no heat or naked flame
- Minimal odor
- High solids
- Compatible with Sika® Reemat Premium – easy to detail
- Vapour permeable – allows substrate to breathe
- Elastic – retains flexibility even at low temperatures
- Fast Curing – free from rain damage almost immediately on application

APPROVALS & CERTIFICATIONS

European Technical Approval (ETAG 005)

No.: ETA 14/0177

External fire performance according to ENV 1187:

B_{Roof} (t1) + (t4) over Build up roofing system.

Reaction to fire according to EN 13501-1:

Euroclass E

British Standard 476 – 3:

Ext. F.AB on Build up roofing System

Odor assesment Odournet:

Report Number 504 - 2014

Sikalastic®-641

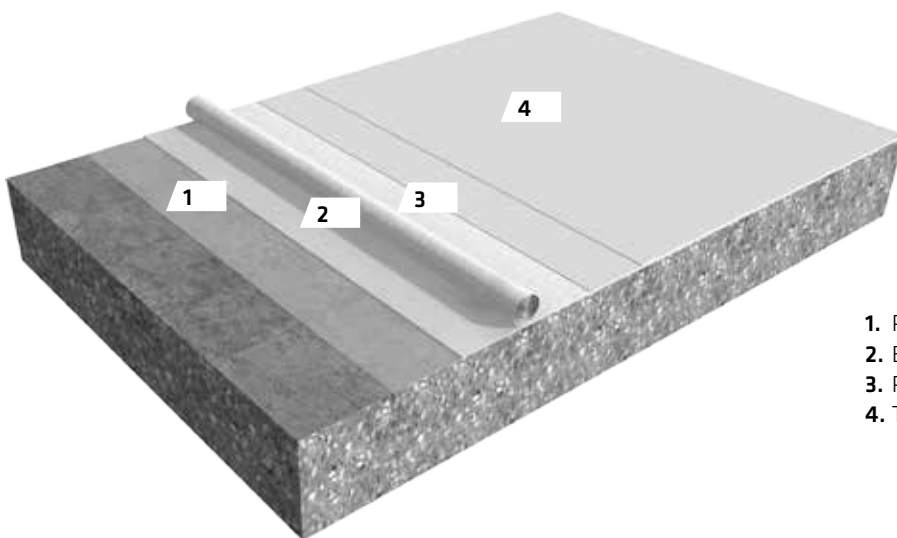
Economical & high performing systems for individual project requirements

SYSTEM DESCRIPTION

Depending on the project requirements, our costumers can choose among 4 different systems with up to 25 years life expectancy. Each individual System is tested and approved according to ETAG 005



	Economic System	Standard System	Enhanced System	Premium System
Intended design life	10 years	15 years	20 years	25 years
Coverage:				
Base coat	1.0 l/m ²	1.25 l/m ²	1.25 l/m ²	1.25 l/m ²
Sika Reemat	Standard	Premium	Premium	Premium
Top coat	0.5 l/m ²	0.5 l/m ²	0.75 l/m ²	2 x 0.6 l/m ²
Dry film thickness	~ 1.3 mm	~ 1.5 mm	~ 1.8 mm	~ 2.2 mm
ETAG 005 classification:				
Working life	W2	W2	W3	W3
Climate zone	M and S	M and S	M and S	M and S
User load	P4	P4	P4	P4
Roof slope	S1-4	S1-4	S1-4	S1-4
Service temperature	TH4 / TL3	TH4 / TL3	TH4 / TL3	TH4 / TL4



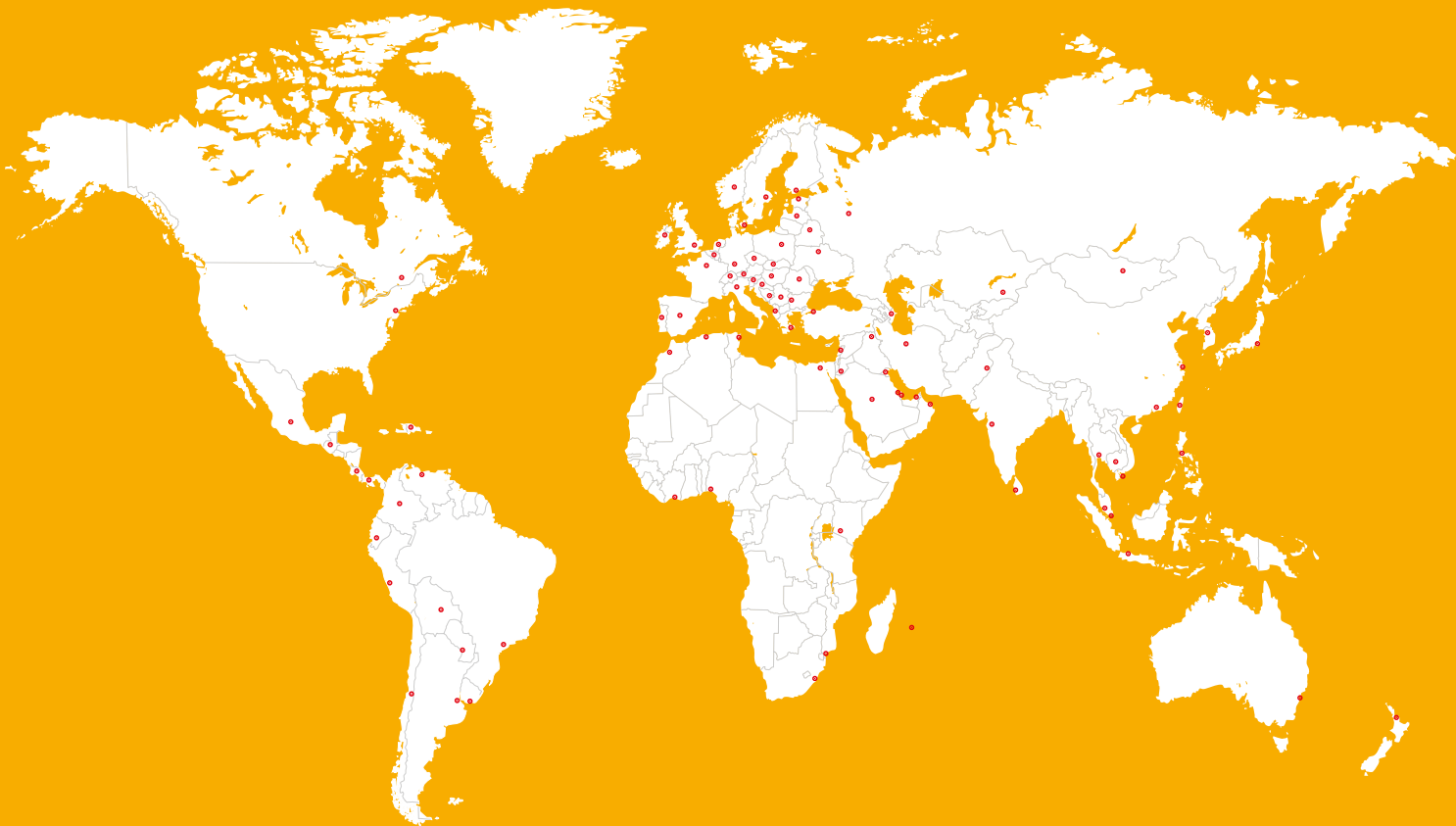
1. Prepared Substrate
2. Base Coat: Sikalastic®-641
3. Reinforcement: Sika® Reemat
4. Top Coat: 1 or 2 coats Sikalastic®-641

SYSTEM COMPONENTS

- Sika® Reemat Standard /Premium
- Sikalastic® Metal Primer
- Sika® Concrete Primer
- Sika® Flexitape light /heavy
- Sika® Flexistrip



GLOBAL BUT LOCAL PARTNERSHIP



FOR MORE ROOFING 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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