

TEHNIČNI LIST

SikaMembran® Universal

Hydroisolation membrane for facades – low vapor permeability

OSNOVNE INFORMACIJE O IZDELKU

Kemijska osnova	Elastični EPDM – modificiran z butilom
Barva	Črna
Masa na enoto površine	0.8 kg/m ²
Debelina	0.6 mm
Ekvivalentna debelina zračne plasti	sd value 62 m
Raztezek pri pretrgu ISO37	350 %
Temperatura vgradnje	5 – 40 °C
Raztezek pri pretrgu (ISO 37)	5.5 MPa
Odpornost proti širjenju razpok (CQP045-1 / ISO 34)	8 N/mm
Odpornost na ozon (DIN 1431-1)	200 pphm, 40 °C, 20 % Elongation, 168 h
Delovna temperatura	-40 – 90 °C
Čas skladiščenja (CQP081-1)	18 months ^A

CQP = Corporate Quality Procedure

^{A)} stored in dry conditions between 5 and 30 °C and protected from direct sunlight

OPIS

SikaMembran® Universal is an EPDM sheet membrane with a high vapor diffusion resistance (s_d value 62 m) and is thus applicable on both the warm (high vapor pressure) and the cold (low vapor pressure) side of the construction under most climatic conditions. The SikaMembran® system is a high-performance vapor control system comprising of various EPDM sheet membranes providing vapor control layers and waterproof barriers for curtain walls. They are suitable for most climatic conditions in combination with the appropriate adhesive.

PREDNOSTI IZDELKA

- Highly flexible waterproofing and vapor control system
- Fast, easy and secure application even in corners
- Provided with CE-mark according to EN 13984: 2011
- Meet fire retardant requirements of EN 13501-1 Class E under free suspension
- No additional mechanical fixing necessary
- Membrane pre-treatment free
- Suitable for uneven substrates (blowholes in concrete), leveling of substrate by adhesive
- Suited to site conditions
- Durable bond and barrier/seal
- Ozone- and UV-resistant

OBMOČJE UPORABE

The flexible SikaMembran® sheets, installed between structure and incorporated units (e.g. facade elements, windows, etc.) using SikaBond® TF plus N adhesive, provide a secure and durable vapor barrier and waterproof seal at junctions between building elements mainly in curtain wall facades but also in ventilated facades and window installations. This product is suitable for experienced professional users only. Test with actual substrates and conditions have to be performed to ensure adhesion and material compatibility.

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POGOJI ZA NAČRTOVANJE

In order to prevent thermal bridging or internal condensation ensure adequate provision of insulation (mineral wool or similar) within the joint prior to sealing.

Always follow local construction and fire regulations.

Design details need to be determined by the responsible engineer and building physicist.

NAČIN VGRADNJE

Priprava površine

Prior the bonding process ensure that substrates are sound, clean, dry, free from dust, grease, oil and loose particles.

Vgradnja

Apply SikaBond® TF plus N adhesive to the corresponding structure or components (nozzle diameter approx. 8 mm).

By using a clean spatula, spread the adhesive bead to approx. 4 – 5 cm width and 1 mm thickness.

Install the SikaMembran® Universal sheet tension-free and in a way that movement of the connected building parts can be accommodated without damaging the membrane. Press the membrane sheet on the adhesive by a plastic roller. The membrane must be fully bonded over a width of 4 cm. Where overlaps are required ensure at least an overlap of 5 cm.

The membrane might be re-adjusted during a period of 30 minutes after installation.

Omejitve pri vgradnji

SikaMembran® Universal is not resistant to mineral oils, petroleum, benzene, fuel and toluene etc.

The bond line of the membrane must not be in permanent contact with water.

INFORMACIJE O PAKIRANJU

Length [m / roll]	25
Width of rolls [mm]	100, 150,
	200, 250,
	300, 350,
	400, 450,
	500, 600,
	700, 1200,
	1400

NADALJNJE INFORMACIJE

The information herein is offered for general guidance only. Advice on specific applications is available on request from the Technical Department of Sika Industry.

Copies of the following publications are available on request:

- General Guideline
SikaMembran® System

OSNOVNI PODATKI

Vsi tehnični podatki, navedeni v tem tehničnem listu, temeljijo na laboratorijskih preizkusih. Dejanski izmerjeni podatki se lahko razlikujejo zaradi okoliščin, na katere nimamo vpliva.

IZJAVA O OMEJITVI ODGOVORNOSTI

Podjetje Sika informacije in zlasti priporočila o vgradnji in končni uporabi Sika izdelkov zagotavlja v dobri veri na osnovi trenutnega znanja in izkušenj z izdelki, ki so predmet ustreznega skladiščenja in rokovanja ter ki so uporabljeni v normalnih razmerah skladno s priporočili podjetja Sika. V praksi se lahko materiali, podlage in dejanske razmere ob uporabi izdelka razlikujejo v tolikšni meri, da ti podatki ali katera koli pisna priporočila ali navedeni nasveti ne predstavljajo nikakršne podlage za jamstvo glede primernosti za prodajo in določen namen uporabe ter kakršno koli odgovornost iz naslova katerega koli pravnega razmerja. Uporabnik izdelka mora preizkusiti primernost izdelka za načrtovani način in namen uporabe. Sika si pridržuje pravico do sprememb lastnosti izdelkov. Upoštevati je treba lastniške pravice tretjih oseb. Vsa sprejeta naročila urejajo naši veljavni prodajni in dobavni pogoji. Uporabniki morajo vselej upoštevati zadnjo izdajo lokalnega tehničnega lista za zadevni izdelek, katerega izvodi so na voljo na zahtevo.

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