BUILDING TRUST

TEHNIČKI LIST PROIZVODA

Sikagard® WallCoat N

2-part water based epoxy seal coat

OPIS

Sikagard® WallCoat N is a two part, water based, coloured epoxy resin based seal coat.

NAMJENE

Sikagard® WallCoat N mogu koristiti samo iskusni profesionalci.

- Application on concrete and cementitious substrates
- Coloured seal coat for interior wall surfaces
- Suitable for clean rooms
- Suitable for production facilities in the food and beverage industry, car parks, storage and logistic areas

SVOJSTVA / PREDNOSTI

- Solvent free
- Good mechanical and chemical resistance
- High build
- Impervious to liquids
- Easy to clean
- High resistance to carbonation
- Excellent decontamination properties
- Good opacity
- Odourless
- Easy to mix and to apply

ODOBRENJA / STANDARDI

- CE marking and declaration of performance based on EN 1504-2:2004 Products and systems for the protection and repair of concrete structures — Surface protection systems for concrete — Coating
- Biological Resistance ISO 846, SikaGard® Wallcoat N, CSM Fraunhofer, Approval No
- Decontamination of Contaminated Surfaces DIN 25415, Sikagard® WallCoat N, ILF, T
- Fire testing EN 13501, SikaGard® Wallcoat N, Bodycote, Report No. 2008-2023.1-K1

INFORMACIJE O PROIZVODU

Hemijska osnova	Epoxy resin, water based	
Pakovanje	Part A	14.60 kg drums
	Part B	5.40 kg drums
Izgled/Boja	RAL 7032 (pebble grey), other on request	
Rok trajanja	12 month from date of production	
Uslovi skladištenja	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +30 °C. Always refer to packaging. Refer to the current Safety Data Sheet for information on safe handling and storage.	

Gustoća

Resin	Density values at +23°C	(EN ISO 2811-1)
Part A	approx. 1.58 kg/l	
Part B	approx. 1.07 kg/l	
Mixed resin	approx. 1.39 kg/l	

Težinski udio čvrste tvari	~64 %
Zapreminski udio čvrste tvari	~50 %

TEHNIČKE INFORMACIJE

Otpornost na habanje	94 mg (CS10 / 1000 cy / 1000 g)	(ASTM D4060)
Zatezna čvrstoća prionjivosti	> 1.5 N/mm² to concrete	(EN ISO 4624)
Hemijska otpornost	Please contact Sika technical service for specific information.	

Toplotna otpornost

IMPORTANT

Exposure to moist or wet heat

This product, can resist short-term moist or wet heat of up to +80 °C, if the exposure is only temporary (less than 1 hour). However, during exposure to moist or wet heat, do not also subject the system to chemical or mechanical strain, as it may cause damage.

Exposure	Dry heat
Permanent	+50 °C
max. 3 days	+80 °C
max. 12 hours	+100 °C

INFORMACIJE O UGRADNJI

Omjer miješanja

Part A : Part B	73 : 27 by weight 65 : 35 by volume

Potrošnja

approx. 0.28 kg/m² per layer

Note: Consumption data is theoretical and does not allow for any additional material due to surface porosity, surface profile, variations in level, wastage or any other variations. Apply product to a test area to calculate the exact consumption for the specific substrate conditions and proposed application equipment.

Debljina sloja

approx. 0.15 mm per layer

Temperatura proizvoda

Maximum	+30 °C
Minimum	+10 °C

Temperatura zraka u prostoru

Maximum	+40 °C
Minimum	+10 °C

Relativna vlažnost zraka

< 75 %

Note: With relative humidity > 75 % the over coating time increases by 24 hours.

Temperatura podloge

Maximum	+30 °C
Minimum	+10 °C

Beware of condensation!

Note: Substrate temperature must be +3 °C above the dew point.

Vrijeme za aplikaciju materijala

Temperature	Time
+10 °C	approx. 150 minutes
+20 °C	approx. 90 minutes
+30 °C	approx. 60 minutes

Vrijeme stvrdnjavanja

Temperature	Minimum	Maximum
+10 °C	3 hours	7 days
+20 °C	3 hours	7 days
+30 °C	2.5 hours	7 days

Note: Times are approximate and will be affected by changing ambient conditions, particularly temperature and relative humidity.

OSNOVA ZA PODATKE O PROIZVODU

Svi tehnički podaci navedeni u ovom tehničkom listu proizvoda temelje se na laboratorijskim testovima. Aktuelni izmjereni podaci mogu odstupati usljed okolnosti izvan naše kontrole.

EKOLOGIJA, ZDRAVLJE I SIGURNOST

Za informacije i savjete o sigurnosnim propisima, rukovanju i skladištenju hemijskih proizvoda, korisnicima se preporučuje konsultovati najnoviji Sigurnosno-tehnički list proizvoda u kojem su sadržani fizički, ekološki, toksikološki i drugi podaci i sigurnosne procedure. Ne bacajte neiskorišteni proizvod i praznu ambalažu u okolinu. Za dodatne informacije pogledajte najnoviji Sigurnosni list.

INSTRUKCIJE O UGRADNJI

IMPORTANT
Strictly follow installation procedures
Strictly follow installation procedures as defined in Method Statements, application manuals and working instructions which must always be adjusted to the actual site conditions.

MIJEŠANJE

1. Mix Part A (resin) for ~30 seconds.
2. Add Part B (hardener) to Part A.
3. Mix continuously for 3 minutes, until a uniform mix is achieved.
   Note: Use a low speed electrical stirrer (300–400 rpm) to avoid air entrapment.
4. During the final mixing stage, scrape down the sides and bottom of the mixing container with a flat or straight edge trowel at least once to ensure complete mixing.

UGRADNJA

IMPORTANT
Good ventilation
Always ensure good ventilation when applying the Product in a confined space.
IMPORTANT
Protect from moisture
After application, protect the Product from damp, condensation and direct water contact for at least 24 hours.
IMPORTANT
Substrate suitability
Do not apply the Product on gypsum plaster boards when used in wet areas such as shower rooms.
1. Apply by brush, roller or airless spray.

ČIŠĆENJE ALATA

Clean all tools with water immediately after use. Hardened and/or cured material can only be removed mechanically.

LOKALNA OGRANIČENJA

Naglašavamo da kao rezultat specifičnih lokalnih propisa deklarisana svojstva ovog proizvoda mogu varirati od države do države. Molimo konsultujte lokalni Tehnički list proizvoda za tačan opis područja primjene.

PRAVNE NAPOMENE

Podaci i, naročito, preporuke koje se odnose na primjenu i krajnje korištenje Sika® proizvoda, dati su u dobroj namjeri temeljem sadašnjih znanja i iskustava Sika®-e za proizvode koji su pravilno skladišteni, korišteni i primijenjeni pod normalnim uslovima. U praksi, razlike u materijalu, podlozi i stvarnim uslovima primjene su takve da nema garancije u odnosu na mogućnost prodaje ili pogodnosti proizvoda za određenu namjenu, niti ikakva odgovornost može nastati temeljem bilo kakvog zakonskog odnosa, temeljem zaključaka na osnovi ovih podataka ili bilo kakvih pismenih preporuka ili bilo kakvog drugog ponuđenog savjeta. Vlasnička prava trećih strana moraju se razmotriti. Sve narudžbe se prihvaćaju na osnovu naših važećih uslova prodaje i isporuke. Za odabrani proizvod, korisnici trebaju uvijek koristiti naše posljednje izdanje Tehničkog lista proizvoda, čiju kopiju mogu dobiti na zahtjev.

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