



HRN EN 13361:2004

04

1213 (1349)

IZJAVA O SVOJSTVIMA

Temeljem dodatka III Uredbe (EU) 305/2011

Sikaplan® WT 4220 – 18H

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1. Tip proizvoda:

Jedinstveni identifikator tipa proizvoda:

Sikaplan® WT 4220

2. Tip broj šarže ili serijski broj ili bilo koji drugi element koji omogućava identifikaciju građevnog proizvoda temeljem članka 11 (4):

WT 4220 - 18 H

Broj šarže: otisnut na pakiranju

3. Namjeravana upotreba ili upotrebe građevnog proizvoda, u skladu s primjenjivom usklađenom tehničkom specifikacijom, kako je predviđeno od strane proizvođača:

Homogena hidroizolacijska membrana ojačana staklenim vlaknima, na bazi TPO u skladu s zahtjevima HRN EN 13361:2004

Hidroizolacija spremnika pitke vode

4. Ime, registrirani trgovački naziv ili registrirana trgovačka marka i kontakt adresa proizvođača, kako se zahtijeva u Članku 11(5):

Sikaplan®

Sika Supply Center AG
Industriestrasse 26
6060 Sarnen
Švicarska

5. Kontakt adresa:

Kada je primjenjivo, ime i kontakt adresa ovlaštenog predstavnika čije ovlasti pokrivaju zadatke specificirane u Članku 12(2):

Nije primjenjivo (vidjeti u točki 4)

6. AVCP:

Sustav ili sustavi ocjenjivanja i provjere stalnosti svojstava građevnog proizvoda utvrđeno u Anex-u V:

Sustav 2+ (HRN EN 13361:2004)

7. Prijavljeno tijelo:

U slučaju kada je Izjava o Svojstvima (DoP) koja se odnosi na predmetni proizvod pokrivena usklađenom normom:

HRN EN 13361:2004, Sustav 2+:

Prijavljeno tijelo za certificiranje tvorničke kontrole proizvodnje br. **1349, i 1213** provelo je početno ispitivanje proizvodnog pogona i proizvodnog procesa za sustav 2+, kao i stalni nadzor, procjena i ocjenjivanje tvorničke kontrole proizvodnje, te je izdan **Certifikat o sukladnosti kontrole tvorničke proizvodnje 1349-CPD-017 i 1213-CPD-017.**

8. Prijavljeno tijelo (ETA):

U slučaju Izjave o svojstvima građevnog proizvoda izdane temeljem Europskog Tehničkog Dopuštenja:

Nije primjenjivo (vidjeti u točki 7)

9. Deklarirana svojstva

Bitne karakteristike	Svojstvo	Norma	Usklađena tehnička specifikacija
Vlačna čvrstoća Uzdužna	24,5 (± 4,0) N/ mm ²	ISO R 527 – 1/3/5	HRN EN 13361: 2004
Vlačna čvrstoća Poprečna	26,0 (± 4,0) N/ mm ²	ISO R 527 – 1/3/5	
Otpornost na statičko probijanje	3,00 (± 0,40) kN	HRN EN ISO 12236	
Propusnost tekućina	< 10 ⁻⁷ m ³ x m ⁻² x d ⁻¹	HRN EN 14150:2001	
Otpornost na vremenske utjecaje	Preostala vlačna čvrstoća i izduženje ≥ 75 %	HRN EN 12224 (350 MJ/m ²) ISO 527-3/5/100	
Otpornost na oksidaciju	Promjena vlačne čvrstoće i izduženja ≤ 15 %	HRN EN 14575 (90d/85 °C) ISO 527-3/5	
Otpornost na pucanje pri naprezanju	≥ 200 sati	ASTM D 5397-99 (HRN EN 14576)	

10. Izjava

Karakteristike proizvoda navedenog u točkama 1 i 2 u skladu su s Deklariranim svojstvima u točki 9. Izjava o svojstvima izdana je s punom odgovornošću proizvođača navedenog u točki 4.

Potpisano za i u ime proizvođača od:

Korporativni produkt inženjer membrane:



Hans-Jörg Stich
Corporate Product Engineer

Korporativni voditelj odjela Waterproofing:



Marcel Langenegger
CMFM Waterproofing

Sarnen, Veljača 2013.

Zdravstvene i sigurnosne informacije (REACH)

Ovaj proizvod je predmet, kako je definirano u članku 3 Uredbe (EZ) Br.1907/2006 (REACH). Ne sadrži sastojke koji se mogu osloboditi iz predmeta pod normalnim odnosno predviđenim uvjetima korištenja. Za stavljanje ovog proizvoda na tržište, transport ili korištenje prema članku 31 gore navedene Uredbe nije potreban Sigurnosno-tehnički list. Za sigurno korištenje poštivati upute dane u Tehničkom listu proizvoda.

Temeljem sadašnjih saznanja, ovaj proizvod ne sadrži SVHC (sastojke posebno zabrinjavajućih svojstava) navedene u Aneksu XIV REACH Uredbe ili na Listi kandidata objavljenoj od strane Europske Agencije za kemikalije u koncentracijama iznad 0.1 % (w/w).

Pravne napomene:

Podaci i, posebice, preporuke koje se odnose na primjenu i krajnje korištenje Sika® proizvoda, dani su u dobroj vjeri temeljem sadašnjih znanja i iskustava Sika®-e za proizvode koji su pravilno skladišteni, korišteni i primijenjeni pod normalnim uvjetima u skladu sa Sika®-inim preporukama. U naravi, razlike u materijalu, podlozi i stvarnim uvjetima primjene su takve da nema jamstva 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. Korisnik proizvoda mora ispitati prikladnost proizvoda za namjeravanu primjenu i svrhu. Sika® zadržava pravo promjene karakteristika njenih proizvoda. Vlasnička prava trećih strana moraju se razmotriti. Sve narudžbe se prihvaćaju na osnovu naših važećih uvjeta prodaje i isporuke. Za odabrani proizvod, korisnici trebaju uvijek koristiti naše posljednje izdanje Tehničkog lista proizvoda, čiju kopiju mogu dobiti na zahtjev.



Za dodatne informacije
Sika Croatia d.o.o.
Puškarićeva 77a
10250 Lučko – Zagreb
Hrvatska

Tel +385 1 6594 240
Fax +385 1 6594 241
www.sika-croatia.hr



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LEISTUNGSERKLÄRUNG

Sikaplan® WT 4220-18H

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1. Produkt-Typ:

Eindeutiger Kenncode des Produkttyps:

Sikaplan® WT 4220

2. Typ, Chargen- oder Seriennummer oder ein anderes Kennzeichen zur Identifikation des Bauprodukts gemäß Artikel 11 Absatz 4:

WT 4220-18H

(Chargennummer siehe Produktetikett)

3. Verwendungszweck oder vorgesehene Verwendungszwecke des Bauprodukts gemäß der anwendbaren harmonisierten technischen Spezifikation, wie vom Hersteller vorgesehen:

Homogene Abdichtungsbahn basierend auf flexiblen Polyolefinen (FPO-PE) nach EN 13361.

Abdichtung für Wasserreservoirs

4. Name, eingetragener Handelsname oder eingetragene Marke und Kontaktanschrift des Herstellers gemäß Artikel 11 Absatz 5:

Sikaplan®

**Sika Supply Center AG
Industriestrasse 26
6060 Sarnen
Switzerland**

5. Kontaktadresse:

Gegebenenfalls Name und Kontaktanschrift des Bevollmächtigten, der mit den Aufgaben gemäß Artikel 12 Absatz 2 beauftragt ist:

Nicht relevant (siehe 4.)

6. Leistungsbeständigkeit:

System oder Systeme zur Bewertung und Überprüfung der Leistungsbeständigkeit des Bauprodukts gemäß Anhang V:

System 2+

7. Notifizierte Stelle (hEN):

Im Falle der Leistungserklärung, die ein Bauprodukt betrifft, das von einer harmonisierten Norm erfasst wird:

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Notifizierte werkseigene Produktionskontrolle, Zertifizierungsstelle Nr. 1349, führt die Erstinspektion des Werks und der werkseigenen Produktionskontrolle und eine laufende Überwachung, Beurteilung und Bewertung der werkseigenen Produktionskontrolle und die Bescheinigung der Konformität der werkseigenen Produktionskontrolle (WPK 017) durch.

Leistungserklärung



8. Notifizierte Stelle (ETA):

Im Falle der Leistungserklärung, die ein Bauprodukt betrifft, für das eine Europäische Technische Bewertung ausgestellt worden ist:

Nicht relevant (siehe 7.)

9. Erklärte Leistung

Wesentliche Eigenschaften	Leistungsmerkmal	Prüfmethode	Hamonisierte technische Beschreibung
Reissfestigkeit Längs (md) ¹⁾ Quer (cmd) ²⁾	24.5 (± 4.0) N / mm ² 26.0 (± 4.0) N / mm ²	ISO R 527 – 1/3/5	EN 13361: 2004
Stempeldurchdrückkraft	3.00 (± 0.40) kN	EN ISO 12236	
Wasserdichtigkeit	$< 10^{-7} \text{ m}^3 \times \text{m}^{-2} \times \text{d}^{-1}$	EN 14150:2001	
Künstlicher Bewitterung	Verbleibende Zugdehnung und Reißfestigkeit: ≥ 75 %	EN 12224 (350 MJ/m ²) ISO 527-3/5/100	
Oxidationsbeständigkeit	Veränderung der Zugdehnung und Reißfestigkeit: ≤ 15 %	EN 14575 (90d / 85°C); ISO 527-3/5	
Umgebungsbeeinflusste Spannungsrissbildung	≥ 200 h	ASTM D 5397-99 (EN 14576)	

1) md =Maschinenrichtung

2) cmd =quer zur Maschinenrichtung

10. Erklärung

Die Leistung des Produktes gemäß den Nummern 1 und 2 entspricht der erklärten Leistung nach Nummer 9.

Verantwortlich für die Erstellung dieser Leistungserklärung ist allein der Hersteller gemäß Nr. 4.

Unterzeichnet für den Hersteller
und im Namen des Herstellers von:

Hans-Jörg Stich
Corporate Product Engineer

Marcel Langenegger
CMFM Waterproofing

Sarnen, 04 June 2013

Ökologie, Gesundheit und Sicherheit (REACH)

Dieses Produkt ist ein Erzeugnis wie in Artikel 3 der Verordnung (EG) Nr. 1907/2006 (REACH). Es enthält keine Stoffe, die bei üblicher Anwendung aus dem Erzeugnis freigesetzt werden. Ein Sicherheitsdatenblatt nach Artikel 31 der gleichen Verordnung ist nicht erforderlich, um dieses Produkt auf den Markt zu bringen, zu transportieren oder es anzuwenden. Für die sichere Nutzung befolgen Sie die Anweisungen aus diesem Merkblatt.

Aufgrund unserer derzeitigen Kenntnisse enthält dieses Produkt keine SVHC (besonders besorgniserregende Stoffe) in Anhang XIV der REACH-Verordnung oder auf der Kandidatenliste von der Europäische Agentur für chemische Stoffe in Konzentrationen über 0,1% (w / w) veröffentlicht wurde.

Haftungsausschluss:

Die vorstehenden Angaben, insbesondere die Vorschläge für Verarbeitung und Verwendung unserer Produkte, beruhen auf unseren Kenntnissen und Erfahrungen im Normalfall, vorausgesetzt die Produkte wurden sachgerecht gelagert und angewandt.

Wegen unterschiedlichen Materialien, Untergründen und abweichenden Arbeitsbedingungen kann eine Gewährleistung eines Arbeitsergebnisses oder eine Haftung, aus welchem Rechtsverhältnis auch immer, weder aus diesen Hinweisen, noch aus einer mündlichen Beratung begründet werden, es sei denn, dass uns insoweit Vorsatz oder grobe Fahrlässigkeit zur Last fällt. Hierbei hat der Anwender nachzuweisen, dass er schriftlich alle Kenntnisse, die zur sachgemäßen und erfolgversprechenden Beurteilung durch Sika erforderlich sind, Sika rechtzeitig und vollständig übermittelt hat.

Der Anwender hat die Produkte auf ihre Eignung für den vorgesehenen Anwendungszweck zu prüfen. Änderungen der Produktspezifikationen bleiben vorbehalten. Schutzrechte Dritter sind zu beachten. Im Übrigen gelten unsere jeweiligen Verkaufs- und Lieferbedingungen. Es gilt das jeweils neueste lokale Produktdatenblatt, das bei uns angefordert werden sollte.

Für weitere Informationen:

Sika Österreich GmbH
Senderstraße 10
6960 Wolfurt

Telefon: 050 610 1000
Telefax: 050 610 2901
www.sika.at





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DECLARATION OF PERFORMANCE Sikaplan® WT 4220 – 18H

02	07	04	40	220	0	180000	1005
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1. Product Type:

Unique identification code of the product-type:

Sikaplan® WT 4220

2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

WT 4220 – 18H (lot nr. see packaging)

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Homogeneous sheet waterproofing membrane, based on flexible polyolefin (FPO-PE) according to EN 13361

Waterproofing of water reservoirs

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

Sikaplan®

**Sika Supply Center AG
Industriestrasse 26
6060 Sarnen
Switzerland**

5. Contact Address:

Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):

Not relevant (see 4)

6. AVCP:

System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 2+

7. Notified body:

In case of the declaration of performance concerning a construction product covered by a harmonised standard:

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Notified factory production control certification body No. 1349 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control (FPC) 017.

Declaration of Performance



8. Notified body:

In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not relevant (see 7)

9. Declared performance

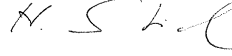
Essential characteristics	Performance	Test Standard	Harmonised technical specification
Tensile Strength machine direction	24.5 (± 4.0) N / mm ²	ISO R 527 – 1/3/5	EN 13361: 2004
Tensile Strength cross direction	26.0 (± 4.0) N / mm ²	ISO R 527 – 1/3/5	
Resistance to static puncture	3.00 (± 0.4) kN	EN ISO 12236	
Liquid tightness	< 10 ⁻⁷ m ³ x m ² x d ⁻¹	EN 14150:2001	
Durability weathering	Remaining tensile strength and elongation: ≥ 75 %	EN 12224 (350 MJ/m ²) ISO 527-3/5/100	
Durability oxidation	Change of tensile strength and elongation: ≤ 15 %	EN 14575 (90d / 85°C); ISO 527-3/5	
Durability environmental stress cracking	≥ 200 h	ASTM D 5397-99 (EN 14576)	




10. Declaration

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Hans-Jörg Stich
 Corporate Product Engineer



Marcel Langenegger
 CMFM Waterproofing

Sarnen, 13 February 2013

Ecology, Health and Safety Information

This product is an article within the meaning of Article 3.3 of Regulation (EC) No. 1907/2006. A safety data sheet following EC- Regulation 1907/2006, article 31 is not needed to bring the product to the market to transport or use it. The product does not damage the environment when used as specified.

REACH

European Community Regulation on chemicals and their safe use (REACH: EC 1907/2006)

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet.

Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation, or on the candidate list published by the European Chemicals Agency in concentrations above 0.1% (w/w).

Legal note:

This information is given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



For Further Information:
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 Switzerland

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 www.sika.com



Notified body number 1349
DIPL.-ING. LEOPOLD GLÜCK
Enheim 45
97340 MARTINSHEIM
Germany

EC CERTIFICATE OF FACTORY PRODUCTION CONTROL 1349-CPD-017

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction products

Sikaplan® WT 1200-16C, -20C, -30C (Sarnafil® TG 68-16, -20, -30)	1.6 mm, 2.0 mm, 3.0 mm
Sikaplan® WT 1200-25CE (Sarnafil® TG-68-25N)	2.5 mm
Sikaplan® WT 1200-20H	2.0 mm
Sikaplan® WT 2200-20HL, -30HL (Sarnafil® MP 915-20, -30 B2)	2.0 mm, 3.0 mm
Sikaplan® WT 2200-22HL2, -25HL2, -32HL2, -42HL2 (Sarnafil® MP 915-20, -25, -30, -40 DE)	2.2 mm, 2.5 mm, 3.2 mm, 4.2 mm
Sikaplan® WT 2220-18HLE, -25HLE (Sarnafil® MP 910-18N, -25N)	1.8 mm, 2.5 mm
Sikaplan® WT 2250-15H, -20H (Sarnafil® MP 915-15T, -20T)	1.5 mm, 2.0 mm
Sikaplan® WT 4220-15C	1.5 mm
Sikaplan® WT 4220-15C Felt 500	1.5 mm
Sikaplan® WT 4220-18H	1.8 mm
Sikaplan® WT 4300-15C (Sarnafil® MCG 780-15)	1.5 mm
Sikaplan® WT 4300-18H (Sarnafil® MCG 780-18 BA)	1.8 mm
Sikaplan® WT 5200-12HE (Sarnafil® MP 965-12)	1.2 mm
Sikaplan® WT 5200-12H	1.2 mm
Sikaplan® WT 5210-15C, -20C, -25C	1.5 mm, 2.0 mm, 2.5 mm
Sikaplan® WT 5210-20CE, -25CE (Sarnafil® MPG 970-20, -25)	2.0 mm, 2.5 mm
Sikaplan® WT 5300-13C, -15C Colour (Sarnafil® MCG 760-13, -15)	1.3 mm, 1.5 mm
Sikaplan® WT 5300-13CE Colour (Sarnafil® MCG 760-13N)	1.3 mm
Sikaplan® WT 6200-20C (Sarnafil® MPG 950-20)	2.0 mm
Sikaplan® WT 6200-20C Felt 500	2.0 mm
Sikaplan® WT 6210-15H, -20H (Sarnafil® MP 940-15, -20)	1.5 mm, 2.0 mm

Polymeric geosynthetic barriers (GPR-P) made of Polyvinylchloride (PVC) or flexible polyolefins (FPO/TPO)
Intended use: fluid and/or gas barrier
produced by the manufacturer

Sika Supply Center AG, Industriestrasse 26, CH-6060 Sarnen, Switzerland

in the factory **Code 1005**

are submitted by the manufacturer to the initial type-testing of the product and a factory production control and that the notified body - LEGI DIPL.-ING. LEOPOLD GLÜCK - has performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

This certificate attests that all provisions concerning the attestation of factory production control described in the Annex ZA of the standards

**EN 13361:2004+ A1:2006; EN 13362:2005; EN 13491:2004+ A1:2006;
EN 13492:2004+ A1:2006; EN 13493:2005; EN 15382:2008**

were applied.

This certificate was first issued on 12 May 2006 and remains valid as long as the conditions laid down in the harmonised technical specification in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.



Martinsheim, 21 November 2012

Dipl.-Ing. (FH) Leopold Glück

For a copy of this certificate including newest products visit: www.svgluck.de