



HRN EN 15651-1:2012 1213
14
HRN EN 15651-4:2012
ETAG 026 – dio 3:2011 1104

IZJAVA O SVOJSTVIMA

Temeljem dodatka III Uredbe (EU) 305/2011
Sikasil®-670 Fire

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1. Tip proizvoda:

Jedinstveni identifikator tipa proizvoda:

Sikasil®-670 Fire

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

-670 Fire

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:

HRN EN 15651-1:2012, tip F EXT-INT CC
Brtvila za elemente pročelja, vanjska i unutarnja primjena (primjena i u hladnim klimatskim uvjetima)
HRN EN 1561-4:2012, tip PW INT
Brtvila za pješačke staze, unutarnja primjena
ETAG 026-dio 3
Vatrozaštitni i brtveni proizvod za brtvljenje linearnih spojeva i brtvljenje prodora

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

Sikasil®

Sika Schweiz AG
Tueffenvies 16
8048 Zuerich
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 1 – za ETAG 026, dio 3

Sustav 3 – tipsko ispitivanje proizvoda, reakcija na požar

7. Prijavljeno tijelo:

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

Prijavljeno tijelo 1213 izvršilo je tipsko ispitivanje proizvoda, te je izdan Izvještaj o ispitivanju, kao i određivanje klase reakcije na požar, te je izdan klasifikacijski izvještaj

8. Prijavljeno tijelo (ETA):

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

Prijavljeno tijelo 1104, temeljem ispitivanja po ETAG 026 – dio 3 izdalo je Europsko Tehničko Dopuštenje (ETA) – 14/0474

9. Deklarirana svojstva

9.1. Deklarirana svojstva prema HRN EN 15651-1:2012

Metoda B – podloga M1 mort, predpremaz Sika® Primer-3 N

Bitne karakteristike	Svojstvo/ Zahtjev	Norma	Usklađena tehnička specifikacija
Reakcija na požar	Euroklasa E (B –s2, d0)	HRN EN ISO 13238, klasifikacija prema HRN EN 13501-1	HRN EN 15651-1:2012
Emisija štetnih tvari – opasnih po okoliš i zdravlje	NPD <small>(vidjeti sigurnosno tehnički list)</small>	HRN EN 15651-1:2012; t. 4.5	
Vodotijesnost i zaštita od prodora zraka	≤ 3mm	HRN EN ISO 7390	
Otpornost na curenje	≤ 10 %	HRN EN ISO 10563	
Gubitak volumena (skupljanje)	Nema negativnih rezultata	HRN EN ISO 10590	
Vlačna svojstva pri stalnom izduženju nakon uranjanja u vodu (elastično)	Nema negativnih rezultata	HRN EN ISO 8340 (prilagođen)	
Vlačna svojstva brtvila za nekonstrukcijsku uporabu u hladnim klimatskim područjima (-30°C)	≤ 0,9 MPa	HRN EN ISO 8339	
Modul vlačne sekante (-30°C)	Zadovoljava	HRN EN ISO 8340 HRN EN ISO 9047 HRN EN ISO 10590	
Trajnost			

9.2. Deklarirana svojstva prema HRN EN 15651-4:2012

Metoda B – podloga M1 mort, predpremaz Sika® Primer-3 N

Bitne karakteristike	Svojstvo/ Zahtjev	Norma	Usklađena tehnička specifikacija
Reakcija na požar	Euroklasa E (B –s2, d0)	HRN EN ISO 13238, klasifikacija prema HRN EN 13501-1	HRN EN 15651-4:2012
Emisija štetnih tvari – opasnih po okoliš i zdravlje	NPD <small>(vidjeti sigurnosno tehnički list)</small>	HRN EN 15651-4:2012; t. 4.5	
Vodotijesnost i zaštita od prodora zraka	Nema negativnih rezultata	HRN EN ISO 8340	
Vlačna svojstva pri stalnom izduženju	≤ 10 %	HRN EN ISO 10563	
Gubitak volumena (skupljanje)	Nema negativnih rezultata	HRN EN 15651-4:2012, t 4.3.2.6.	
Otpornost na kidanje	Nema negativnih rezultata (promjena Modula sekante < 50 %)	HRN EN 15651-4:2012; t. 4.4.1	
Adhezivno/kohezivna svojstva pri trajnom izduljenju nakon 28 dana uronjenosti u vodu	Nema negativnih rezultata (promjena Modula sekante < 50 %)	HRN EN 15651-4:2012; t. 4.4.1	
Adhezivno/kohezivna svojstva pri trajnom izduljenju nakon 28 dana uronjenosti u morsku vodu	Nema negativnih rezultata	HRN EN ISO 8340 (prilagođen)	
Vlačna svojstva brtvila za nekonstrukcijsku uporabu u hladnim klimatskim područjima (-30°C)	Zadovoljava	HRN EN ISO 8339 HRN EN ISO 8340 HRN EN ISO 9047 HRN EN ISO 10590	
Trajnost			

9.3. Deklarirana svojstva prema ETAG 026 – dio 3, izdanje 2011

Bitne karakteristike	Svojstvo/ Zahtjev	Norma	Tehnička specifikacija - ETAG
Reakcija na požar	Euroklasa E (B –s2, d0)	HRN EN ISO 13238, klasifikacija prema HRN EN 13501-1	ETAG 026 – dio 3 -2011
Otpornost na požar	<u>Podno brtvljenje AAC-AAC</u> E240 EI120-H-X-F-W 12-30 E240 EI60-H-X-F-W 31-50 <u>Podno brtvljenje AAC-Čelik</u> E240 EI30-H-X-F-W 12-30 E180 EI30-H-X-F-W 31-50 <u>Zidovi brtvljenje AAC-AAC</u> E240 EI180-H-X-F-W 12-30 <u>Zidovi brtvljenje AAC-drvo meko</u> E180 EI120-V-X-F-W 12 EI120-V-X-F-W 13-49 EI240-V-X-F-W 50 <u>Zidovi brtvljenje AAC-drvo tvrdo</u> EI120-V-X-F-W 12-29 EI240-V-X-F-W 30-50 <u>Zidovi brtvljenje AAC-čelik</u> E240 EI60-V-X-F-W 12-29 E240 EI90-V-X-F-W 30-49 E240 EI120-V-X-F-W 50	HRN EN 13501-1	
Paropropusnost	Higijena, zdravlje, okoliš 0,0 m ³ /h pri 100 Pa diferencijalnom tlaku	HRN EN 1314-1	
Vodonepropusnost Emisija štetnih tvari Zaštita od buke Trajnost	NPD NPD R _w (C;C _{tr})=38 (-2;-9) Z ₁	HRN EN ISO 140-3 HRN ISO 8339 HRN ISO 9047	

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 Sealing & Bonding:



Christian Völm
Corporate Product Engineer
Sika Services AG
TM Sealing & Bonding

Korporativni Manager Sealing & Bonding:



Ralf Heinzmann
Global Technical Manager
Sika Services AG
TM Sealing & Bonding

Zurich, Siječanj 2015.

Zdravstvene i sigurnosne informacije (REACH)

Za informacije i savjete o sigurnom rukovanju, skladištenju i uklanjanju kemijskih proizvoda korisnicima se preporučuje konzultirati najnoviji Sigurnosno-tehnički list proizvoda u kojem su sadržani fizikalni, ekološki, toksikološki i drugi podaci o sigurnosti.

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
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Sealing & Bonding
 Declaration of Performance
 Identification No. 020514030000000106
 Edition 01.2015
 Version No. V1



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 EN 15651-4:2012 14 1213
 ETAG 026 – part 3:2011 1104

DECLARATION OF PERFORMANCE

Sikasil®-670 Fire

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1. Product Type: Unique identification code of the product-type:	Sikasil®-670 Fire
2. Type batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):	See packaging of the product
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:	EN 15651 Sealant for facade for interior and exterior application (intended for use in cold climates) F EXT-INT CC Sealant for pedestrian walkways PW INT ETAG 026 - part 3 Fire stopping and sealing product for linear joint and gap seal
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):	add local Sika address
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
6. AVCP: System or systems of assessment and verification of constancy of performance (AVCP) of the construction product as set out in CPR, Annex V:	EN 15651 System 3 for the type testing System 3 for the reaction to fire testing ETAG 026 - part 3 System 1
7. Notified body (hEN): In case of the declaration of performance (DoP) concerning a construction product covered by a harmonised standard:	The notified body SKZ Tecona GmbH, identification number 1213, performed the type testing and the testing of the reaction to fire and issued test report and classification report.
8. Notified body (ETA): In case of the declaration of performance concerning a construction product for which a European Technical Assessment (ETA) has been issued:	The notified body Exova Warrington Fire, identification number 1104, issued European Technical Assessment 14/0474 on the basis of ETAG 026 – part 3, edition 2011

9. Declaration of Performance

9.1 According to EN 15651-1:2012



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02051403000000106
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 V1

Conditioning: Method A
 Substrate: Mortar M1, Sika® Primer-3 N

Essential characteristics	Performance	Test standard	Harmonised technical specification
Reaction to fire	Class E	EN ISO 13238 Classification acc. EN 13501-1:2010	EN 15651-1:2012
Release of chemicals dangerous to the environment and health	NPD	EN 15651-1:2012; 4.5	
Water tightness and air tightness			
• Resistance to flow	≤ 3 mm	EN ISO 7390	
• Loss of volume	≤ 10 %	EN ISO 10563	
• Tensile properties at maintained extension after water immersion (elastic)	NF	EN ISO 10590	
• Tensile properties for non-structural sealants used in joints in cold climate areas (-30°C)	NF	EN ISO 8340 modified	
• Secant tensile modulus at -30°C	≤ 0.9 MPa	EN ISO 8339	
Durability	pass	EN ISO 8339 EN ISO 8340 EN ISO 9047 EN ISO 10590	



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9.2 According to EN 15651-4:2012

Conditioning: Method A
 Substrate: Mortar M1, Sika® Primer-3 N

Essential characteristics	Performance	Test standard	Harmonised technical specification
Reaction to fire	Class E	EN ISO 13238 Classification acc. EN 13501-1:2010	EN 15651-4:2012
Release of chemicals dangerous to the environment and health	NPD	EN 15651-4:2012; 4.5	
Water tightness and air tightness			
• Tensile properties at maintained extension	NF	EN ISO 8340	
• Loss of volume	≤10%	EN ISO 10563	
• Tear resistance	NF	EN 15651-4:2012; 4.3.2.6	
• Adhesion/cohesion properties at maintained extension after 28 days water immersion	NF Change of secant modulus <50%	EN 15651-4:2012; 4.4.1	
• Adhesion/cohesion properties at maintained extension after 28 days salt water immersion	NF Change of secant modulus <50%	EN 15651-4:2012; 4.4.1	
• Tensile properties at maintained extension at -30°C	NF	EN ISO 8340 modified	
Durability	pass	EN ISO 8339 EN ISO 8340 EN ISO 9047	



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9.3 According to ETAG 026 – part 3, edition 2011

Essential characteristics	Performance	Test standard	ETAG	
Safety in case of fire				
• Reaction to fire	Class E	EN ISO 13238 Classification acc. EN 13501-1:2010	ETAG 026 - Part 3 edition 2011	
• Resistance to fire	<u>Floor seals AAC-AAC</u> E240 EI120-H-X-F-W 12-30 E240 EI60-H-X-F-W 31-50 <u>Floor seals AAC-Steel</u> E240 EI30-H-X-F-W 12-30 E180 EI30-H-X-F-W 31-50 <u>Wall seals AAC-AAC</u> E240 EI180-H-X-F-W 12-30 <u>Wall seals AAC-Softwood</u> E180 EI120-V-X-F-W 12 EI120-V-X-F-W 13-49 EI240-V-X-F-W 50 <u>Wall seals AAC-Hardwood</u> EI120-V-X-F-W 12-29 EI240-V-X-F-W 30-50 <u>Wall seals AAC-Steel</u> E240 EI60-V-X-F-W 12-29 E240 EI90-V-X-F-W 30-49 E240 EI120-V-X-F-W 50	EN 13501-2:2010		
Hygiene, health and environment				
• Air permeability	0.0 m3/h at 100 Pa pressure differential	EN 1314-1		
• Water permeability	NPD	EN 12155		
• Release of dangerous substances	NPD	-		
Safety in use				
• Mechanical resistance and stability	NPD	-		
• Resistance to impact/movement	NPD	-		
• Adhesion	NPD, not relevant	-		
Protection against noise				
• Airborne sound insulation	$R_w (C;C_{tr}) = 38 (-2;-9)$	EN ISO 140-3		
• Impact sound insulation	NPD	-		
Energy economy and heat retention				
• Thermal properties	NPD	-		
• Water vapour permeability	NPD	-		
General aspectsd				
• Durability and serviceability	Z ₁	ISO 8339 ISO 9047		



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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 (DoP) is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Ralf Heinzmann
Global Technical Manager
Sika Services AG
TM Sealing & Bonding



Christian Völlm
Corporate Product Engineer
Sika Services AG
TM Sealing & Bonding

Ecology, Health and Safety Information (REACH)

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety related data.



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EN 15651-1: 2012

Sealant for facade for interior and exterior application
(intended for use in cold climates)
F EXT-INT CC

EN 15651-4: 2012

Sealant for movement joints in floors for interior application
PW INT

Conditioning: Method A

Substrate: Mortar M1/Aluminium, Sika® Primer-3 N/ Sika® Aktivator-205

Essential characteristics	Performance
Reaction to fire	Class E
Release of chemicals dangerous to the environment and health	NPD
Water tightness and air tightness EN15651-1:2012	
• Resistance to flow	≤ 3 mm
• Loss of volume	≤ 10 %
• Tensile properties at maintained extension after water immersion (elastic)	NF
• Tensile properties for non-structural sealants used in joints in cold climate areas (-30°C)	NF
Durability	Pass
Water tightness and air tightness EN15651-4:2012	
• Tensile properties at maintained extension	NF
• Loss of volume	≤ 10 %
• Tear resistance	NF
• Adhesion/cohesion properties at maintained extension after 28 days water immersion	NF, change of secant modulus <50%
• Adhesion/cohesion properties at maintained extension after 28 days salt water immersion	NF, change of secant modulus <50%
• Tensile properties at maintained extension at -30°C	NF
Durability	pass



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14/0474

ETAG 026 – part 3, edition 2011

Linear joint and gap seal

Essential characteristics	Performance
Safety in case of fire	
<ul style="list-style-type: none"> Reaction to fire Resistance to fire 	Class E <u>Floor seals AAC-AAC</u> E240 EI120-H-X-F-W 12-30, E240 EI60-H-X-F-W 31-50 <u>Floor seals AAC-Steel</u> E240 EI30-H-X-F-W 12-30, E180 EI30-H-X-F-W 31-50 <u>Floor seals AAC-AAC</u> E240 EI180-H-X-F-W 12-30 <u>Floor seals AAC-Softwood</u> E180 EI120-V-X-F-W 12, EI120-V-X-F-W 13-49 EI240-V-X-F-W 50 <u>Floor seals AAC-Hardwood</u> EI120-V-X-F-W 12-29, EI240-V-X-F-W 30-50 <u>Floor seals AAC-Steel</u> E240 EI60-V-X-F-W 12-29, E240 EI90-V-X-F-W 30-49 E240 EI120-V-X-F-W 50
Hygiene, health and environment	
<ul style="list-style-type: none"> Air permeability Water permeability Release of dangerous substances 	0.0 m ³ /h at 100 Pa pressure differential NPD NPD
Safety in use	
<ul style="list-style-type: none"> Mechanical resistance and stability Resistance to impact/movement Adhesion 	NPD NPD NPD, not relevant
Protection against noise	
<ul style="list-style-type: none"> Airborne sound insulation Impact sound insulation 	Rw (C;C _{tr}) = 38 (-2;-9) NPD
Energy economy and heat retention	
<ul style="list-style-type: none"> Thermal properties Water vapour permeability 	NPD NPD
General aspects	
<ul style="list-style-type: none"> Durability and serviceability 	Z ₁



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Legal note:

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