

KOMO[®] product certificate

semi-manufactured product

SKH

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FILM FORMING COATINGS FOR APPLICATION ON TIMBER

Number: 32998/23
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Replaces: 32998/22

Producer

Teknos B.V.
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THE NETHERLANDS
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SKH declaration

This product certificate has been issued by SKH on the basis of AD 0814 'Film forming coatings for application on timber' dd. 05-07-2016, published in accordance with the SKH Regulations for Certification.

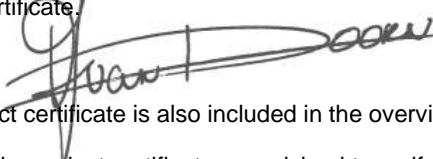
The quality system and product characteristics of the film forming coatings for the application on timber mentioned in this product certificate are periodically checked.

Based on this, SKH declares that:

- There is a legitimate confidence that the film forming coatings for application on timber manufactured by the producer upon delivery meets:
 - the technical specification(s) as laid down in this product certificate;
 - the product specification(s) as laid down in this certificate and in AD 0814.

Provided that the film forming coatings for the application on timber features the KOMO[®] mark in a manner as indicated in this product certificate.

For SKH



drs. H.J.O. van Doorn, director

This product certificate is also included in the overview on the website of the KOMO foundation: <http://www.komo.nl>.

Users of this product certificate are advised to verify whether this certificate is still valid; consult the SKH-website: <http://www.skh.nl>.

This product certificate consists of 3 pages and 4 appendices.

The Dutch version shall be consulted in case of doubt.

FILM FORMING COATINGS FOR APPLICATION ON TIMBER

1 PRODUCT SPECIFICATONS

1.1 Technical specifications

The film forming coatings for application on timber manufactured by the producer comply with the requirements of AD 0814 'Film forming coatings for application on timber'

1.1.1 Opaque coatings

Opaque coatings complying with AD 0814 'Film forming coatings for application on timber'

Description coating system	Colours permitted	Process parameters
2 layers DRYWOOD OPTIPRIMER (LG and VC)	All colours	Appendix B
2 layers DRYWOOD OPTIFINISH G and G40	All colours	Appendix C
2 layers DRYWOOD OPTISEALER	All colours	Appendix D

1.1.2 Translucent coatings

Translucent coatings complying with AD 0814 'Film forming coatings for application on timber'

Description coating system	Most critical colour	Process parameters
2 layers DRYWOOD OPTIFINISH TR (MATT, SG, GL)	D741	Appendix E

The most critical colour is the lightest colour tested in accordance with AD 0814.

1.2 Marking

The products produced in accordance with AD 0814 shall be provided with the KOMO[®]-mark.

The execution of this mark is as follows:

- KOMO[®] trademark or logo;
- no. **32998**;
- a batch number;
- the expiration date or the production date with a shelf life.



In addition to the above the following product information shall at least be mentioned:

- the toxicity indication;
- application instructions.

FILM FORMING COATINGS FOR APPLICATION ON TIMBER

2 SUGGESTIONS FOR THE USER

2.1 On delivery of film forming coatings for application on timber inspect whether:

- the products comply with the contract of sale;
- the marks and the manner of marking are correct;
- the products do not show any visible defects due to transport or similar causes.

If the products are rejected on the basis of the above, the user should contact:
Teknos B.V. and when necessary: The certification body SKH.

2.2 Product certificate

It is the responsibility of the certificate holder to make sure the user of is able to consult the full certificate at any moment.

2.3 Application and use

The film forming coatings are intended as primer in order to (temporary) protect the timber intended for exterior use. When applying these systems, the conditions as laid down in SKH-Publication 98-04 'Conditions and internal quality controls for the industrial application of joinery with water-based paints'. In order to obtain sufficient protection against climatic conditions, one or more layers of a topcoat must be applied.

It is forbidden to use translucent primer systems (Concept I, according AD 0801) in KOMO[®] certified materials unless the primer system is upgraded to a mid- or topcoat system (Concept II or III, according AD 0801).

2.4 Validity

Consult the SKH-website <http://www.skh.nl> to verify whether the product certificate is still valid.

APPENDIX B*

GOES WITH SKH-KOMO® PRODUCT CERTIFICATE
'FILM FORMING COATINGS FOR APPLICATION ON TIMBER', NUMBER 32998

APPENDIX B

LAYER 1	Application	Spray	
	Time DIN cup		n.a.
	Wet layer thickness		110 – 140 µm
	Flash off (per layer)	Temp	≥15°C
		RH	50-80%
		Air velocity	Null
		Time	10-15 min.
		Radiation heat	n.a.
	Drying (per layer)	Temp	≥15°C
		RH	<75%
		Air velocity	>0,2 m/s
		Radiation heat	n.a.
		Time	>4 hours
	Dry layer thickness		40 – 50 µm
LAYER 2	Application	Spray	
	Time DIN cup		n.a.
	Wet layer thickness		110 – 140 µm
	Flash off (per layer)	Temp	≥15°C
		RH	50-80%
		Air velocity	Null
		Time	10-15 min.
		Radiation heat	n.a.
	Drying (per layer)	Temp	≥15°C
		RH	<75%
		Air velocity	>0,2 m/s
		Radiation heat	n.a.
		Time	>4 hours
	Dry layer thickness		40 – 50 µm
	Final drying	Temp	≥15°C
		RH	<75%
		Time	>48 hours
	Total dry layer thickness		80 – 100 µm

*This Appendix B is only valid in combination with the SKH-KOMO® product certificate 'Film-forming coatings for application on timber', number 32998, with issue date 01-12-2023.

APPENDIX C*

**GOES WITH SKH-KOMO® PRODUCT CERTIFICATE
‘FILM FORMING COATINGS FOR APPLICATION ON TIMBER’, NUMBER 32998**

APPENDIX C

LAYER 1	Application	Spray	
	Time DIN cup		N.a.
	Wet layer thickness		110 – 140 µm
	Flash off (per layer)	Temp	≥15°C
		RH	50-80%
		Air velocity	Null
		Time	10-15 min.
		Radiation heat	N.a.
	Drying (per layer)	Temp	≥15°C
		RH	<75%
		Air velocity	>0,2 m/s
		Radiation heat	N.a.
		Time	>2 hours
	Dry layer thickness		40 – 50 µm
LAYER 2	Application	Spray	
	Time DIN cup		N.a.
	Wet layer thickness		110 – 140 µm
	Flash off (per layer)	Temp	≥15°C
		RH	50-80%
		Air velocity	Null
		Time	10-15 min.
		Radiation heat	N.a.
	Drying (per layer)	Temp	≥15°C
		RH	<75%
		Air velocity	>0,2 m/s
		Radiation heat	N.a.
		Time	>4 hours
	Dry layer thickness		40 – 50 µm
	Final drying	Temp	≥15°C
		RH	<75%
		Time	>48 hours
	Total dry layer thickness		80 – 100 µm

***This Appendix C is only valid in combination with the SKH-KOMO® product certificate ‘Film-forming coatings for application on timber’, number 32998, with issue date 01-12-2023.**

APPENDIX D*

GOES WITH SKH-KOMO® PRODUCT CERTIFICATE
'FILM FORMING COATINGS FOR APPLICATION ON TIMBER', NUMBER 32998

APPENDIX D

LAYER 1	Application	Spray	
	Time DIN cup		N.a.
	Wet layer thickness		110 – 140 µm
	Flash off (per layer)	Temp	≥15°C
		RH	50-80%
		Air velocity	Null
		Time	10-15 min.
		Radiation heat	N.a.
	Drying (per layer)	Temp	≥15°C
		RH	<75%
		Air velocity	>0,2 m/s
		Radiation heat	N.a.
		Time	>6 hours
	Dry layer thickness		40 – 50 µm
LAYER 2	Application	Spray	
	Time DIN cup		N.a.
	Wet layer thickness		110 – 140 µm
	Flash off (per layer)	Temp	≥15°C
		RH	50-80%
		Air velocity	Null
		Time	10-15 min.
		Radiation heat	N.a.
	Drying (per layer)	Temp	≥15°C
		RH	<75%
		Air velocity	>0,2 m/s
		Radiation heat	N.a.
		Time	>4 hours
	Dry layer thickness		40 – 50 µm
	Final drying	Temp	≥15°C
		RH	<75%
		Time	>48 hours
	Total dry layer thickness		80 – 100 µm

*This Appendix D is only valid in combination with the SKH-KOMO® product certificate 'Film-forming coatings for application on timber', number 32998, with issue date 01-12-2023.

APPENDIX E*

**GOES WITH SKH-KOMO® PRODUCT CERTIFICATE
'FILM FORMING COATINGS FOR APPLICATION ON TIMBER', NUMBER 32998**

APPENDIX E

LAYER 1	Application	Spray	
	Wet layer thickness		210-220 µm
	Flash off (per layer)	Temp	≥ 15°C
		RH	≥ 60%
		Air velocity	Null
		Time	0 – 15 min.
	Drying (per layer)	Temp	≥ 15°C
		RH	≤ 60%
		Air velocity	≥ 0,2 m/s
		Time	≥ 4 hours
	Dry layer thickness		70 µm
LAYER 2	Application	Spray	
	Time DIN cup		n.a.
	Flash off (per layer)	Temp	≥ 15°C
		RH	≥ 60%
		Air velocity	Null
		Time	0 – 15 min.
	Drying (per layer)	Temp	≥ 15°C
		RH	≤ 60%
		Air velocity	≥ 0,2 m/s
		Time	≥ 16 hours
	Dry layer thickness		70 µm
	Final drying	Temp	≥15°C
		RH	≤ 75%
		Time	≥32 hours
	Total dry layer thickness		140 µm

***This Appendix E is only valid in combination with the SKH-KOMO® product certificate 'Film-forming coatings for application on timber', number 32998, with issue date 01-12-2023.**