

**Test report:** Approved wood preservatives in Belgium and The Netherlands

**Report code:** 21.0298-B revised **Date:** September 2, 2021



Report code: 21.0298-B revised Date: September 2, 2021 Page: 2/11

SHR

Nieuwe Kanaal 9e PO Box 497 6700 AL Wageningen, The Netherlands Tel: + 31 317 467366 If not stated other wise the tests have been

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E-mail: m.vanderzee@shr.nl

Principal: **VELUX Global Group** 

Ådalsvej 99

DK-2970 Hørsholm Denmark (DK)

2 Appendices:

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Authors:

M.E. van der Zee, MSc

Project Manager

J.G.M. Creemers, MSc

2<sup>nd</sup> author

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SHR operates according to NEN-EN-ISO/IEC 17025.



Report code: 21.0298-B revised Date: September 2, 2021 Page: 3/11

# **Contents**

C	ontents	3
1	Introduction	4
	1.1 Assignment	4
	1.2 Date of assignment	4
2	Execution of the assignment	4
	2.1 Background	4
	2.2 Inventory	4
	2.2.1 Active ingredients	5
	2.2.2 Application methods	5
	2.2.3 Target organisms	6
3	Results of the inventory	7
4	Conclusion	9
Re	eferences	9
Αŗ	pendix 1. Selected wood preservatives with an approval in Belgium	. 10
Αr	pendix 2. Selected wood preservatives with an approval in The Netherlands	. 11



Report code: 21.0298-B revised Date: September 2, 2021 Page: 4/11

## 1 Introduction

#### 1.1 Assignment

VELUX Global Group assigned SHR to make an inventory of the wood preservatives approved in Belgium and The Netherlands that do not contain propiconazole, tebuconazole and/or IPBC. Within this assignment the scope was further focussed, leading to a new report.

The wood preservative needed should be:

- effective against wood destroying fungi (basidiomycetes);
- effective against surface fungi (including blue stain);
- suitable for Use Class 3 (exterior application);
- applicable in an industrial process environment through flow coating or spray cabin.

### 1.2 Date of assignment

June 1, 2021.

## 2 Execution of the assignment

## 2.1 Background

Biocides authorised in the different EU member states can be found in national databases. In The Netherlands the database is available on the website of CTGB, College voor de Toelating Gewasbeschermingsmiddelen en Biociden (<a href="https://toelatingen.ctgb.nl/nl/authorisations">https://toelatingen.ctgb.nl/nl/authorisations</a>). The database is updated on a weekly basis and was downloaded on June 7, 2021. In Belgium the database is available on the website of Federale overheidsdienst Volksgezondheid, Veiligheid van de Voedselketen en Leefmilieu (FPS Health, Food Chain Safety and Environment) (<a href="https://docs.health.belgium.be/ActiveProducts.pdf">https://docs.health.belgium.be/ActiveProducts.pdf</a>). The database was downloaded on June 10, 2021 and gives the authorised biocides of April 22, 2021.

The databases have been screened on biocides authorised for product type PT08, wood preservatives. In the databases information on the active ingredients of the biocides is given, and the final date of the authorisation. Information on the target organisms and application methods can either be found in the databases itself or in the certificate that is linked to the database.

The authorised biocides have been itemised. If different colours of the same product have different registration numbers, these products have been clustered and are presented in the tables below as one product.

#### 2.2 Inventory

Of all PT08 wood preservatives information on three criteria has been collected: active ingredients, application methods, and target organisms. The different ingredients, methods and organisms are shown in tables 1 to 3. The tables also give a code (1 - 21, A - J, and z - u) that is used in the appendices to facilitate combining information.



Report code: 21.0298-B revised Date: September 2, 2021 Page: 5/11

## 2.2.1 Active ingredients

A total of 21 individual active ingredients can be distinguished. Table 1 shows the active ingredients together with their CAS-number.

Table 1. Active ingredients found in authorised wood preservatives in Belgium and/or the Netherlands.

Code in tables	Active ingredients	CAS-number
1	3-jood-2-propynylbutylcarbamaat,	55406-53-6
2	1-(4-chlorophenyl)-4,4-dimethyl-3-(1,2,4-triazole-1-ylmethyl)pentane-3-ol / Tebuconazole	107534-96-3
3	1-[[2-(2,4-dichlorophényl)-4-propyl-1,3-dioxolane-2-yl]méthyl]-1H-1,2,4-triazole / Propiconazole	60207-90-1
4	Basic copper carbonate	12069-69-1
5	Copper(II)oxide	1317-38-0
6	Boric acid	10043-35-3
7	N,N-didecyl-N-methylpoly(oxyethyl) ammoniumpropionate	94667-33-1
8	Alkyl (C12-16) dimethyl benzyl ammoniumchloride	12600-89-8
9	Didecyl dimethyl ammoniumchloride	7173-51-5
10	Quaternaire ammonium compounds, cocos alkyl trimethyl, chlorides	61789-18-2
11	Disodium tetraborate	1330-43-4
12	Disodium tetraborate pentahydrate	12179-04-3
13	Hydrogen cyanide	74-90-8
14	Penflufen	494793-67-8
15	Sulfurylfluoride	2699-79-8
16	Bis-(N-cyclohexyldiazeniumdioxy)-copper	312600-89-8
17	Permethrin	52645-53-1
18	α-(4-chlorophényl)-α-(1-cyclopropyléthyl)-1H-1,2,4-triazole-1-éthanol / Cyproconazole	94361-06-5
19	Cis-4-[3-(p-tert-butylphényl)-2-méthylpropyl]-2,6-diméthylmorpholine / Fenpropimorph	67564-91-4
20	2-thiazol-4-yl-1H-benzoimidazole (Thiabendazole)	148-79-8
21	Borate de N-didecyl-N-dipolyethoxyammonium / Borate de didecylpolyoxethylammonium	214710-34-6

## 2.2.2 Application methods

#### Methods

Table 2 gives the nine different application methods distinguished in the inventory. The application methods were not always unambiguous in the certificates. Only preservatives that specifically mention 'flow coating' are given the application method B flow coating. Different spraying methods were mentioned. In this report only methods that clearly state that spraying should be performed in a closed cabin are given the application method C, spraying (closed cabin). All other spraying methods are combined in application method D, low pressure spray. Method F, dipping combines all methods in which the wood is submerged in the wood preservative solution irrespective of the duration of the submersion. In an exceptional case, no information is supplied in the certificate regarding the application method, or no legible certificate is supplied.



Report code: 21.0298-B revised Date: September 2, 2021 Page: 6/11

#### Users

In the certificates the allowed group of users of the preservative is mentioned: non-professional, and/or professional. In some cases also the indication "industrial" is used independently of the term "professional". However, the indication "industrial use" is not always mentioned specifically. In the inventory, all clearly industrial application processes like vacuum pressure treatment, closed cabin spaying, automatic dipping, are given the indication "industrial".

Table 2. Application methods.

Code in tables	Application methods	Industrial application
A	Brush, Roller	No
В	Flow coating	Yes
С	Spraying (closed cabin)	Yes
D	low pressure spray	No
E	Vacuum Pressure	Yes
F	Dipping	Yes, if automated
G	(Bore hole) injection	No
Н	Fumigation	No
J	Bandage	No

## 2.2.3 Target organisms

Table 3 shows the target organisms that are mentioned in the certificates.

Table 3. Target organisms.

Code in tables	Target organisms
Z	Wood destroying fungi, Basidiomycetes
У	Surface fungi / blue stain / moulds
X	Insects
W	Termites
V	Micro-organisms
u	Algi



Report code: 21.0298-B revised Date: September 2, 2021 Page: 7/11

# 3 Results of the inventory

A table of wood preservatives, including active ingredients, target organisms, and application methods authorized in Belgium is given in Appendix 1. A similar table of wood preservatives authorized in The Netherlands is given in Appendix 2. In these appendices, only products are mentioned with (some) efficacy against fungi. Products with single use against insects or applied in very specific ways like fumigation or bandages are not mentioned.

From these lists, further selections have been made in order to only have products, which comply with the four requirements as mentioned in § 1.1. Only these requirements have been met in the selection, which means that some of the products might still not be suitable because of other requirements or experiences of the principal with regard to e.g. applicability, corrosivity, or solvents. In both countries information concerning HK-lasur and the related HSL is ambiguous. Under the same product family and comparable name products are listed with 0.5% and 1.5% IPBC. However, only the 1.5% products are suitable against Basidiomycetes where as the 0.5% products are suitable only against surface fungi and blue stain. In the certificates both 'only for non-professional use' and 'for professional use' are mentioned and information on application in closed cabin spraying is not uniform in both countries.

The selection leaves 10 products in Belgium, highlighted in Appendix 1 and presented in table 4.

Table 4. Wood preservatives authorized in Belgium complying with the four principals requirements

Name	Registration number		Α	ppli	catio	n		Active
		(E	3 = F	low o	coati	ng ai	nd	ingredients
			C =	CC-	1, 2 and/or 3			
Embalit NT	5306B			С		Е	F	-
HK-Lasur - Famille de produits -	BE2019-0034-01-00		В	С	D			1
META-SPC 1 (22879)								
HSL-30/m	BE2019-0034-01-01	Α	В	С				1
HSL-30/m clear	BE2019-0034-01-02	Α	В	С				1
Induline SW-900	BE2012-0032	Α	В	С			F	1, 3
Induline SW-900 IT	BE2019-0002			С	•			1, 3
Koranol Holzbau Grund	BE2020-0035		В				F	1, 3
Sikkens Cetol WP 567(BPD)	BE2019-0073-01-00		В	С			F	1, 2, 3
META SPC 1								
Teknol aqua 1412-01 (Gori 356)	BE2012-0039	Α	В	С			F	1, 2, 3
TWP 085	BE2012-0025	Α	В	С			F	1, 3

Of these 10 products, approved in Belgium:

- 4 do not contain propiconazole
- 8 do not contain tebuconazole
- 4 do not contain propiconazole nor tebuconazole
- 1 does not contain IPBC



Report code: 21.0298-B revised Date: September 2, 2021 Page: 8/11

When doing the same selection - i.e. complying with the four principals requirements - on the selected wood preservatives authorized in The Netherlands, that leaves 4 products, highlighted in Appendix 2 and presented in table 5.

Table 5. Wood preservatives authorized in The Netherlands complying with the 4 principals requirements

Name	Registration number		Α	pplic	Active			
		(B = Flow coating and C = CC-spraying)  A C				ingredients		
			`					1, 2 and/or 3
HK-Lazuur / HSL-30/m / Tuinhuis Beits	NL-0001764-0000	Α		С				1
HSL-30/m clear	NL-0019576-0002			С				1
HSL-30/m, HK-Lazuur 1.5%	NL-0019576-0001			С				1
Induline SW-900	NL-0006665-0000	Α	В		D	Е		1, 3

Of these 4 products, approved in The Netherlands:

- 3 do not contain propiconazole
- 4 do not contain tebuconazole
- 3 do not contain propiconazole nor tebuconazole
- None do not contain IPBC

It is again stated, that the remaining products may still prove unsuitable for the principals process because of other requirements or experiences with regard to e.g. applicability, corrosivity, or solvents.



Report code: 21.0298-B revised Date: September 2, 2021 Page: 9/11

#### 4 Conclusion

VELUX Global Group assigned SHR to make an inventory of the wood preservatives authorized in Belgium and The Netherlands that do not contain propiconazole, tebuconazole or IPBC.

The wood preservative needed should be

- (1) effective against wood destroying fungi (basidiomycetes) as well as against
- (2) surface fungi (including blue stain)
- (3) suitable for Use Class 3 (exterior application) and
- (4) applicable in an industrial process environment through flow coating or spray cabin.

In total, 10 PT08 wood preservatives are authorized in Belgium and 4 in the Netherlands that comply with these four requirements.

In table 6 the number of authorized preservatives is given that can be specifically applied by flow coating or spray cabin in Belgium and the Netherlands and which do not contain any of the specified active ingredients.

Table 6. Number of PT08 preservatives authorized in Belgium and the Netherlands that specifically mention industrial application, flow coating or spray cabin as application method, not containing the specified active ingredients.

Country	Preservative does NOT contain:													
	Propiconazole	Tebuconazole	Propiconazole &	IPBC										
	FTOPICOTIAZOIE	Tebuconazoie	Tebuconazole	IF BC										
Belgium	4	8	4	1										
The Netherlands	3	4	3	0										

## References

https://toelatingen.ctgb.nl/nl/authorisations. June 7, 2021. https://docs.health.belgium.be/ActiveProducts.pdf; June 10, 2021.



Report code: 21.0298-B revised Date: September 2, 2021 Page: 10/11

# Appendix 1. Selected wood preservatives with an approval in Belgium

								Α	CTIVE INGR	EDIEN	TS		(	ORGA	NISM	1S		AP	PLIC	ATIO	N
NAME	includes use class 3	industirial, professional, non professional use	APPROVAL NUMBER	EXP date	Butylcarbamate de 3-iodo-2-propynyle (IPBC) (1)	Tebuconazole (2)	Propiconazole (3)	Basic Copper carbonate (4); Bis[1-cyclohexytl, 2-di(flydroxy-:Rappa.O)diazeniumato(2-)]-cuivre (Cu-HDO) (16)	Acide borique (5): Poly(oxy-1,2-ethanediyl), a-[2,(didecylmethylammoniolethyll-omega- hydroxy-, propanoate (sel) (7): disodiumtetraboraat (11); Disodiumtetraboraatpendaydaat (12): a-(4-chlorophényl)-a-(1-cyclopropyléthyl)-1H-1,2-4-triazole-1-éthanol/ Cyproconazole (18)	Composes de l'ion ammonium quatemaire, benzylalkyl en C12-16 dimethyles, chlorues	oposes de fina ammonium quatemaire alkjes de coco intrathyles, chloures AbACTMAC) (10). Cyanure d'hydrogène (13). Penfuder (14). Diffucue de sulfunyje (15). te de Ndides-ji-Ndipolyethosyammonium? Dostate de idies-pipolyosethylammonium te de Ndides-ji-Ndipolyethosyammonium (20 bostate de idies-pipolyosethylammonium te de Asia-Ches-bullyhathyla-Amphipolypolyla-Carlenthylmospholine. I Ferpropimorph 2-thiszod-ky-li-Hbentzounidazoe (Thisbendazole) (20)	Permethrine (17)	wood destroying fungi, brown rat, white rat (2)	igi / blue stain (y)	Termites (w) WSI	ms (v), Algi (u)	Brush, Roller (A)	8	Spraying (closed cabin) (C)		n Dipping (F) (Bore hole) injection (G)
ACTICIDE BAC 50 M	fresh timber	prof	8315B	31-12-2024	B	H G	ď	ää	9 y 8	8	Com (ATIN (21);	P	WO	у	_ e		ā			, s	E E
ACTICIDE BAC 80 ANTIBLU SELECT 3787	fresh timber	prof prof	5315B BE2017-0028	31-12-2024 30-04-2024	1	2	3			8				y y		v, u	Α		C E	)	
Aqua HK-Lasur AXIL 2000	3	non prof	BE2019-0046-02-00 BE2015-0017	30-10-2025 31-12-2025	1	2	3						z z	y y			Α	B B	C C		
AXIL 2000AB-B AXIL 3000 P	3	prof prof	BE2019-0051 BE2018-0023	05-12-2029 21-12-2023	1	2	3			8		17	z	У	x w				СЕ		F
Diffusit M Embalit NT	2	non prof	BE2017-0029 5306B	31-08-2021 13-12-2024					6, 12	8			z	У		v, u			C		F
Embalit NTK			BE-REG-00577	31-12-2024			2			8				1		-,-			1		
Embalit P Embasol Curatif	3	ind	BE2012-0036 BE2021-0001	28-07-2025 23-12-2030			3					17	Z	У	x				С	E	F
HK-Lasur - Famille de produits - META-SPC 1 (22879) HSL-30/m	3	ind ind	BE2019-0034-01-00 BE2019-0034-01-01	30-10-2025 30-10-2025	1								z z	y y			A	В	C C C		
HSL-30/m clear HK-Lasur - Famille de produits - META-SPC 2	3	ind ind	BE2019-0034-01-02 BE2019-0034-02-00	30-10-2025 30-10-2025	1								Z	y y				B B	C C	)	
Holzschutz-creme - Famille de produits bioicdes - Holzschutz-creme- Famille de produits biocides -	3	prof prof	BE2019-0049-01-00 BE2019-0049-02-00	30-10-2025 30-10-2025	1								Z Z	y y			A				
Impralit ACA Protect Family - famille de produits	4	ind	BE2019-0024-01-00	09-06-2022		2	3	4					z		x					E	
impralit®-KDS Impralit-BSK effect	4 fresh timber	ind prof	4805B 1919B	31-12-2014 31-12-2024	1		3	4	6 18	8	21 21		Z	у	X				С	Е	
impralit-KDS 4	4	ind	7607B	31-12-2024		0		4	6		21	47	z		x					E	
impralit-TSK 40 Induline GW-310 famille	3	prof prof	13317B BE2019-0046-01-00	01-05-2022 30-10-2025	1	2	3			8		17	Z	y y	X		Α	В	C	) E	F
Induline SW-900 Induline SW-900 IT	3	prof prof	BE2012-0032 BE2019-0002	30-04-2024 08-12-2027	1		3						z z	У	x w		Α	В	C		F
INWACIDE C-3669	fresh timber	prof	BE-REG-00309	31-12-2024			٥			8				y y	x w						F
Koranol Grund Farblos Koranol Holzbau Grund	3	ind	BE2013-0039 BE2020-0035	30-10-2025 06-11-2030	1		3					17	z		x w			В			F
Korasit KS-2	4	ind	1909B	01-01-2022				4	7				z	1	x					E	Ė
Korasit NG Biocidal Product Family - Famille de Korasit NG Biocidal Product Family - Famille de	3	ind	BE2020-0024-01-00 BE2020-0024-02-00	02-01-2025 02-01-2025		2	3					17 17	Z Z		x w					E	
Korasit NG Biocidal Product Family - Famille de	3	ind	BE2020-0024-03-00	02-10-2025		2	3					17	z		x w					E	
Lignum Dual Purpose Product Family – Famille de Lignum Dual Purpose Product Family – Famille de	2	prof	BE2019-0025-01-00 BE2019-0025-02-00	25-03-2024 25-03-2024	1		3					17	Z		x w		A				
Lignum Dual Purpose Product Family - Famille de	1	prof	BE2019-0025-03-00	25-03-2024	1		3					17	Z		x w		Α			)	
Lignum Dual Purpose Product Family – Famille de Lignum Dual Purpose Product Family – Famille de	3	prof prof	BE2019-0025-04-00 BE2019-0025-05-00	25-03-2024 25-03-2024	1		3					17	Z Z		x w		A			)	
MADUROX SANIO II	3	prof	3104B	31-12-2024	1	2	3						z		X		Α	В			F
Nordsjö tinova wood base oil bpr PPG_Class3_WB - Famille de produits - Meta SPC 1	3.1	prof ind	BE2019-0014 BE2019-0065-01-00	17-11-2027 03-06-2024	1	2	3						Z Z	У	x w		Α	В	СЕ	)	F
PPG_Class3_WB - Famille de produits - Meta SPC 2	3.1	ind	BE2019-0065-02-00	03-06-2024	1	2	3						z		x w				CE	)	F
PPG_Class3_WB - Famille de produits - Meta SPC 3 PPG_Class3_WB - Famille de produits - Meta SPC 4	3.1 3.1	ind ind	BE2019-0065-03-00 BE2019-0065-04-00	03-06-2024 03-06-2024	1	2	3						Z		x w				C C	)	F
SARPECO 9-PLUS	3	ind	BE2019-0017 BE2019-0073-01-00	18-04-2024 30-10-2025	1	2	3					17	z		x w				CE	) E	F
Sikkens Cetol WP 567(BPD) META SPC 1 Tanalith E 3475	3		BE2015-0018	28-07-2025			3						z		x w			В		Е	
Technicide + / Concentré Technicide plus Concentré	fresh timber	prof	NOTIF107 818B	31-12-2024 31-12-2024						8				у							F
Teknol aqua 1412-01 (Gori 356)	3	ind	BE2012-0039	30-04-2024		2							z	у				В	С		F
TEKNOL AQUA 1415-01 Turbanion M 101	3 fresh timber	prof prof	BE2019-0030 BE-REG-00524	31-03-2029 31-12-2024	1		3			8		17	Z	у	x w		Α				F
TWP 085	3	ind	BE2012-0025	30-04-2024	1		3			-		47	z	у			A	В	С		F
TWP 097i TX203 TRAITEMENT UNIVERSEL	3		BE2020-0004 BE2017-0050	20-01-2028 09-05-2022	1	2	3					17	z		x w		A		C	,	
V33 TRAITEMENT BOIS DE JARDIN	2	prof	BE2017-0049	09-05-2022		2	3						z		x w		Α		[		
V33 TRAITEMENT CHARPENTE V33 TRAITEMENT UNIVERSEL	2	prof	BE2017-0025 BE2017-0048	09-05-2022 09-05-2022		2	3						Z		x w		A		0		
Vacsol Aqua 6118	3	ind	BE2020-0034	02-11-2030				4 40			14	17	Z		X				С	E	
Wolmanit CX-10 Wolsin FL-35	4 fresh timber	ind prof	5698B BE2019-0075	21-02-2022 19-12-2023			3	4, 16	6		19		Z	у	X			В		E	F
X6122B1 XILIX 2000	3.1		BE2019-0012 BE-REG-00254	07-04-2024	1		3		7				z		x w				- 0		G
XYLADECOR COMBI PT	3	non prof	BE-REG-00254 BE2020-0006	31-12-2024 20-01-2028	1		3		- 1						x w		Α		[	,	G



Report code: 21.0298-B revised Date: September 2, 2021 Page: 11/11

# Appendix 2. Selected wood preservatives with an approval in The Netherlands

									ACTIVE IN	IGREDIEN	TS			(	ORG	ANIS	MS		-	APPLICATION					
NAME	APPROVAL NUMBER	EXP. DATE	includes use class 3	industirial, professional, non professional use	3-jood-2-propynyl butylcarbamate (1)	tebuconazole (2)	propiconazole (3)	cop	boric acid (6)  w.vaucaecyr-in  withylpoly(oxyethyl)ammoniumpropionate (7);  Alkyl (C12-16) dimethyl benzyl	armonumchlonde (3): didecyl dimethyl armoniumchloride (9); quaternaire armoniumcompound cocos alkyttrimethyl chlorides (10)	disodiumtetraboraat (11); Disodiumtetraboraatpentahydraat (12)	Hydrogencyanide (13); Penflufen (14); Sulfurylfluoride (15); Bis-(N- cyclohexyldiazeniumdioxy)-copper (16)	permethrin (17)	wood destroying fungi, brown rot, white rot (z)	surface fungi / blue stain (y)	nsects (x)	l ermites (w) Micro-organims (v), Algi (u)		Flow coat (B)	Spraying (closed cabin) (C)	ow pressure spray (D)	Vaccuum Pressure (E)	Dipping (F)		
ANTIBLU Select 3787	NL-0003569-0000		3	ind	1	2	3	_			-	10,0	_		У	- '			Ť			_	F		
Aqua HK-Lasur	NL-0019484-0003			ind	1										У			Α	В	С			F		
Aqua HSL-35/m	NL-0019484-0002	30-10-2025	3	ind	1										у				В	С			F		
Boracol 10_3Bd	NL-0021941-0000	20-12-2024							6	9	11			z	у			Α							
Celcure MC-T3	NL-0019874-0000	22-03-2022	3	ind		2		4						z		x						Е			
Celfix 2.0	15275	01-04-2025		ind				4	7					z		X	w					Е			
Diffusit M	NL-0015414-0000	31-08-2021							6		12			z				Α			D				
Embalit NT	11624	09-09-9999	3	ind					8					z	у		v				D		F		
Embalit NTK	11622	09-09-9999							8					z	у		u						F		
Embalit P	NL-0002522-0000	28-07-2025	3	ind			3							z	у			Α			D	Е	F		
HK-Lasur - clear	NL-0019576-0005	30-10-2025	3	ind	1										у				В	С					
HK-Lasur, HK-Lazuur, Tuinhuis Beits	NL-0019576-0004	30-10-2025	3	ind	1										у				В	С					
HK-Lazuur / HSL-30/m / Tuinhuis Beits	NL-0001764-0000	30-10-2025	3	ind	- 1									z	у			Α		С					
HSL-30/m clear	NL-0019576-0002	30-10-2025	3	ind	1									z	у					С					
HSL-30/m, HK-Lazuur 1.5%, Tuinhuis Beits 1.5%	NL-0019576-0001	30-10-2025	3	ind	1									z	у					С					
Impralit ACA protect	NL-0019921-0001	09-06-2022	3	ind		2	3	4						z	у	X						Е			
Induline GW-310	NL-0019484-0001	30-10-2025	3	ind	1										у				В	С			F		
Induline SW-900	NL-0006665-0000	30-04-2024	3	ind	1		3							z	у			Α	В		D	Е			
Kemwood ACQ 21	11578	01-03-2022						5		9					у		w					Е	F		
Kemwood ACQ2302	15059	01-04-2025						4	7					z		X	w					Е			
Koralan GL 220 Bangkirai, Embadecor IW Bankirai Koralan Imprägnier-Grund farblos+, Koralan GL 220 farblos+, swingcolor HOLZSCHUTZ-GRUND+, Embadecor IW Kleurloos+, swingcolor HOUT - VOORSTRUKMIDDEL+, PGH Holzschutzgrund+, Koralan UL 420 farblos+	NL-0021277-0017 NL-0021277-0002				1										у			Α	В	С			F		
Koralan UL 120 Bangkirai/Koralan Holzöl Spezial					٠.																				
Bangkirai/Embadecor Aqua Bankirai	NL-0026169-0006		3	ind	1		2						47		У			-		С					
Koranol Holzbau Grund / Embasol PPI Koranol Imprägnierlasur Ebenholz/Embadecor	NL-0017512-0000	00-11-2030			1		3						17			X		Α	+						
Ebben/Delta Imprägnierlasur 3.01 BPD Ebenholz	NL-0019695-0015	30-10-2025			1										v			А	В		D		F		
Korasit KS2	14595	01-04-2025	3	ind	Ť			4	7					z	,	x	w		+-			Е	-		
Korasit KS2	14595	01-04-2025		ind				4	7					z		X	-			С		_	F		
Korasit NG	NL-0016836-0000			ind		2	3	-					17	z			w			Ť		Е	-		
Korasit NG 50 braun: Korasit TT40P braun	NL-0016836-0009			ind		2	3						17	z			w		В	С		E	F		
Korasit NG braun; Korasit TT25P braun	NL-0016836-0004			1114		2	3						17	z			w		В			E			
Sikkens Cetol WP 567BPD, Sikkens Cetol WP																									
567BPD + Colourless 003 Base TC	NL-0020011-0001		3	ind	1	2	3			40					У				В	С			_		
SINESTO B	11434	09-09-9999	2	in a		_				10	11				У		V					_	F		
Tanalith E 3462 TWP 085/ 2in1 houtimpregneer / Osmo Houtimpregneer WR Aqua 4008/ DRYYWOOD IMPROSTAIN/ DRYYWOOD IMPROSTAIN +/ WOODEX AQUA BASE/ WOODEX AQUA BASE PLUS/ WSL wood stain	NL-0008998-0000 NL-0013289-0001		3	ina	1	2	3	4						z	у	X	W	A			D	Е			
Vacsol Aqua 6118 / Tanalith MF	NL-0013269-0001		3	ind	r.		J					14	17	z	y	х		- A			U	Е			
	UVL-0020005-0000			ma									17												
	MI UUSEEDA DOOS	20 03 2024	2	ind				4																	
Wolmanit CX-8F Wolmanit CX-8WB / Wolmanit CX-8M	NL-0025694-0002 NL-0025694-0001			ind				4				16 16		z			w					E			