



## Declaration of Performance - No.: Nordpan-01.5-SWP/1 S Modified 01-01-2024

Conforms to ordinance No. 305/2011 (BauPVo)

1 F	Product type identification co	nde	SWP/1	S-D						
2. F	Product type identification	marking	SWP/1 S-D (thickness interval 13-60mm), three layers (L3)							
			or five layers (L5)							
	lame and address of man		Nordpan GmbH, Industriezone 7, I-39030 OLANG							
4. 8	Scope of use of construction	on product		Solid wood panel under the terms of EN 13353:2022						
E C	System for systemism /sha	al.	as struc	ctural componen	t for internal use	e in dry conditions				
	System for evaluation/chec		2+ EN 120	86:2004+A1:20	16					
7 N	larmonised regulation app lame and identification ทเ	mber of the noti	fied organisa	tion:	15					
7	The Entwicklungs- und Pri ion of the plant and the co	iflabor Holztechi	nologie Dresi	den GmbH (NB I	Nr. 0766) carrie	d out the first inspec- 2+ and takes care of				
0	ngoing controls, estimate	s and evaluation	ns of WKP.		,					
	uropean Technical Analy		ng							
9. N	lain characteristics accord	ding to								
	EN 12369-3:2022				ckness Interval	in mm				
			12-20	>20-30	>30-80					
					2					
			Vertica							
	Bending *	$f_{\it m, 0, flat}$	30	27	20					
	5 1:	Ĵ m, 90, flat	5	5	10					
$n^2$	Pushing	$f_{v, O, flat}$	1,0	1,0	1,0					
Ĭ.		f <sub>v, 90, flat</sub>	1,0	1,0	1,0					
Resistance [N/mm²]	DI'	•	Horizont		10					
9	Bending	$f_{m,\ 0,\  ext{edge}}$	25	18	12					
an	D. II'	f <sub>m, 90, edge</sub>	12	12	12					
sist	Pulling	$f_{t,o}$	12 3	9	6					
Ses	Dunana	f <sub>t, 90</sub>		3	3					
ш.	Pressure $f_{c,o}$		18	16	10					
	f <sub>c, 90</sub>		12	10	10					
	Pushing	fv, 0, edge $f$ v, 90, edge	4	4	2,5					
			4 4 2,5 Vertical stress							
	Bending *				0000					
	Bending	E <sub>m, 0, flat</sub>	10000 650	10000 800	8000 1500					
	Pushing	E <sub>m, 90, flat</sub>	50	50	50					
2	Fushing	G <sub>0, flat</sub> G <sub>90, flat</sub>	50	50	50					
[N/mm²]		G90, flat	Horizont		50					
Ş	Bending	E <sub>m, 0, edge</sub>	6000	5000	4000					
<u> </u>	Bending		4000	4000	4000					
idit	Pulling	E <sub>m, 90, edge</sub>	6000	5000	4000					
Rigidity	T dilling	E <sub>t, 90</sub>	4000	4000	4000					
	Pressure	E <sub>c, 0</sub>	6000	3500	2500					
		E <sub>c. 90</sub>	4000	2500	2500					
	Pushing	G <sub>0, edge</sub>	450	450	450					
	<u> </u>	G <sub>90, edge</sub>	450	450	450					
* Ple	ase note the individually									
	ation from impact as resis									
	rigidity under concentrate									
	panel capacity	- to the second		npd						
	stance to shocks			npd						
Fire	resistance	Fire re-	Minimum	End use condit	ion					
		sistance	thickness							
		class								
		D-s2,d0	12 mm		behind wood p	panel				
			15 mm	With air gap bel						
			18 mm	With air gap bel	nind wooden mat	terial				

		D-s2,d2	12 mm	With air gap closed or open and no greater than
Perm	neability to water vapour			22 mm behind wood panel - Apparent average specific gravity
				300 kg/m³:
				μ wet 50, μ dry 150 - Apparent average specific gravity
				500 kg/m³:
				μ wet 70, μ dry 200
	aldehyde emission			E1
	achlorophenol emission			≤ 5 ppm
200000000000000000000000000000000000000	tion of ambient noise			npd
Soun	d absorption			0.10 per gamma of frequencies between 250-500 Hz
				0.30 per gamma of frequencies between 1000-2000 Hz
Ther	mal conductivity (density)			<ul> <li>Apparent average specific gravity</li> </ul>
				300 kg/m³: λ = 0.09 W/mK
				- Apparent average specific gravity
				500 kg/m³:
				λ = 0.13 W/mK
	stance to contact pressure	9		$\rho_k = 430 \text{ kg/m}^3$
Air pe	ermeability			npd
	Adhesion quality			SWP/1 in conformance with EN
				13354:2008 (following immersion in cold water)
				•0.4 $\leq$ fV < 0.8 N/mm <sup>2</sup> (with wood break
				level ≥ 40%)
				•0.8 $\leq fV < 1.2 \text{ N/mm}^2$ (with wood break
oilit				level ≥ 20%)
Durability				•fV ≥ 1.2 N/mm² (no requirement for wood to break)
_	Resistance to transversa	al traction	npd	
	Increase in thickness		npd	
Ī	Resistance to humidity		SWP/1	
	mechanical (i.e. resistan	ce to sliding-ci	reeping)	npd
	biological		npd	

npd: parameter not set

Signed on behalf and in the name of the producer:

Horst Kofler Managing Director

Olang, 01-01-2024

RUBNER
NORDPAN GMBN-SRL
Industriezone 7 Zerie Industriale
I-39030 OLANIG - ALDAORA (BZ)
MwsI-Nr. 00124/60219 Part. IVA
Tel. 0474 496255 = Fax 0474 498002

Previous versions of the performance declaration can be requested by e-mailing info@nordpan.com.

## \* Individually declared bending values 3-ply NORDPAN:

Bend	Bending values in N/mm <sup>2</sup> - Individually declared values (SD) for 3-ply panels NORDPAN GMBH													
Thickness in mm		13	16	19	22	27	32	35	42	49	60			
Bending	$f_{\it m,  \it 0,  \it flat}$	35	35	35	30	30	25	25	25	25	25			
Bending	$f_{\it m, 90, flat}$	7,0	7,0	7,0	7,3	6	10	10	10	10	13			
Bending	Em, o, flat	10400	10000	10200	10000	10200	9700	9300	9900	9400	9400			
Bending	Em, 90, flat	650	800	800	1300	800	1500	1500	1500	1500	1500			







European Notified Body for construction products 0766 Recognized body of DIBt SAC03

accredited by Deutsche Akkreditierungsstelle GmbH (DAkkS)



## CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

#### 0766 - CPR - 362 - 01

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

## NORDPAN Drei- und Fünfschichtplatten

Multilayer Solid Wood Panel acc. to EN 13353 as structural component for internal use in dry conditions,

technical class SWP/1 S L3 and L5 (load bearing)
technical class SWP/1 SD L3 and L5 (load bearing, declared values)
nominal thickness range 13 to 60 mm

produced by:

NORDPAN GmbH Industriezone 7 39030 Valdaora – Olang Italy

in the manufacturing plants:

NORDPAN GmbH; Valdaora – Olang; Italy

NORDPAN Rubner Holzbauelemente GmbH; Strassen, Austria

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

#### EN 13 986:2004+A1:2015

under system 2+ are applied and that the factory production control fulfils all the prescribed requirements set out above.

This certificate was first issued on 12 December 2012 (EN 13986:2004) and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Dresden, 16 Juni 2023

Date



Dr.-Ing. Rico Emmler Notified Certification Body





# Declaration of Performance - No.: Nordpan-02.5-SWP/2 S Modified 01-01-2024

Conforms to ordinance No. 305/2011 (BauPVo)

1 F	Product type identification of	ode	SWP/2	S-D							
	Product type identification		SWP/2 S-D (thickness interval 13-60mm), three layers (L3)								
		•	or five I	or five layers (L5)							
	lame and address of ma		Nordpa	Nordpan GmbH, Industriezone 7, I-39030 OLANG							
4. 8	Scope of use of construct	ion product		ood panel under							
E C	Victory for avaluation /ab.	ale		ctural componen	t for internal us	e in humid condition					
	System for evaluation/che larmonised regulation ap		2+ EN 130	86:2004+A1:20	15	9					
7 N	lame and identification n	umber of the not	ified organisa	tion:	10						
tı c	The Entwicklungs- und Pri ion of the plant and the co angoing controls, estimate	üflabor Holztech ompany product es and evaluation	nologie Dreso ion control (W ns of WKP.	den GmbH (NB I	Nr. 0766) carrie y with System 2	d out the first inspec- 2+ and takes care of					
	uropean Technical Analy		ng								
9. 1	Main characteristics according EN 12369-3:2022	ding to	12-20	Nominal Thi	ckness Interval >30-80	in mm					
			Vertica	stress							
	Bending *	$f_{\it m, 0, flat}$	30	27	20						
		$f_{m, 90, flat}$	5	5	10						
2	Pushing	f <sub>v, 0, flat</sub>	1,0	1,0	1,0						
l m		f <sub>v, 90, flat</sub>	1,0	1,0	1,0						
Ž		2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2	Horizont	al stress							
<u>-</u>	Bending	f <sub>m, 0, edge</sub>	25	18	12						
l C		f <sub>m, 90, edge</sub>	12	12	12						
Resistance [N/mm²]	Pulling	$f_{t, o}$	12	9	6						
es		f t, 90	3	3	3						
2	Pressure	$f_{\it c, o}$	18	16	10						
		f c, 90	12	10	10						
	Pushing	$f_{\it v,  \it o,  \it edge}$	4	4	2,5						
	$f_{ u}$ , 90, edge		4	4	2,5						
			Vertica								
	Bending *	Em, o, flat	10000	10000	8000						
	- · · ·	Em, 90, flat	650	800	1500						
	Pushing	Go, flat	50	50	50						
ım²		G <sub>90, flat</sub>	50	50	50						
[N/mm²]	Barrier Barrier		Horizont		1000						
	Bending	Em, 0, edge	6000	5000	4000						
dity	Dulling	Em, 90, edge	4000	4000	4000						
Rigidity	Pulling	E <sub>t, o</sub>	6000	5000	4000						
Ľ.	Pressure	E <sub>t, 90</sub>	4000 6000	4000	4000						
	FICSSUIC	E <sub>c, 0</sub> E <sub>c, 90</sub>	4000	3500 2500	2500 2500						
	Pushing	⊆c, 90 G₀, edge	450	450	450						
	, doming	G0, edge G90, edge	450	450	450						
* Ple	ase note the individually	declared values			1 700						
Devi	ation from impact as resi	stance under co	ncentrated los	ad npd							
	rigidity under concentrate		noontiated lot	При							
	panel capacity	74 1044		npd							
	stance to shocks			npd							
	resistance	Fire re-	Minimum	End use condit	ion						
a. venda		sistance	thickness								
		class									
		D-s2,d0	12 mm	Without air gap	behind wood	panel					
			15 mm	With air gap bel	nind wood panel						
			18 mm	With air gap bel	nind wooden ma	terial					

		D-s2,d2	12 mm		air gap closed or open and no greater than m behind wood panel	
Perm	neability to water vapour				<ul> <li>Apparent average specific gravity 300 kg/m³:     μ wet 50, μ dry 150</li> <li>Apparent average specific gravity 500 kg/m³:     μ wet 70, μ dry 200</li> </ul>	
Form	naldehyde emission				E1	
	achlorophenol emission				≤ 5 ppm	
Isola	tion of ambient noise				npd	
Sour	nd absorption				0.10 per gamma of frequencies between 250-500 Hz 0.30 per gamma of frequencies between 1000-2000 Hz	
Ther	mal conductivity (density)			e	<ul> <li>Apparent average specific gravity 300 kg/m³:</li> <li>λ = 0.09 W/mK</li> <li>Apparent average specific gravity 500 kg/m³:</li> <li>λ = 0.13 W/mK</li> </ul>	
Resi	stance to contact pressur	е			$\rho_{k} = 430 \text{ kg/m}^{3}$	
Air p	ermeability				npd	
7 III P	Adhesion quality				SWP/2 in conformance with EN 13354:2008 (following immersion in boiling water) •0.4 $\leq$ $f$ V < 0.8 N/mm² (with wood break level $\geq$ 40%) •0.8 $\leq$ $f$ V < 1.2 N/mm² (with wood break	
Durability					level ≥ 20%) • $fV \ge 1.2 \text{ N/mm}^2$ (no requirement for wood to break)	
_	Resistance to transvers	al traction	npd			
	Increase in thickness				npd	
	Resistance to humidity				SWP/2	
			300 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			
	mechanical (i.e. resistar	nce to slidina-c	reepina)		npd	

npd: parameter not set

Signed on behalf and in the name of the producer:

Horst Kofler Managing Director

Olang, 01-01-2024

NORDPAN SMBH SRL Industriezone // Zona Vidustriale I-39030 OLAMG - VALDAORA (BZ) Mwst-Nr. 00124160219 Part. IVA Tel. 0474 496255 - Fax 0474 498002

Previous versions of the performance declaration can be requested by e-mailing info@nordpan.com.

## \* Individually declared bending values 3-ply NORDPAN:

Bending values in N/mm <sup>2</sup> - Individually declared values (SD) for 3-ply panels NORDPAN GMBH													
Thickness in mm	13	16	19	22	27	32	35	42	49	60			
Bending $f_{m, 0, flat}$	35	35	35	30	30	25	25	25	25	25			
Bending $f_{m, 90, flat}$	7,0	7,0	7,0	7,3	6	10	10	10	10	13			
Bending Em, o, flat	10400	10000	10200	10000	10200	9700	9300	9900	9400	9400			
Bending Em, 90, flat	650	800	800	1300	800	1500	1500	1500	1500	1500			







European Notified Body for construction products 0766 Recognized body of DIBt SAC03

accredited by Deutsche Akkreditierungsstelle GmbH (DAkkS)



# CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

0766 - CPR -363 - 01

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

## NORDPAN Drei- und Fünfschichtplatten

Multilayer Solid Wood Panel acc. to EN 13353 as structural component for internal use in humid conditions,

technical class SWP/2 S L3 and L5 (load bearing)
technical class SWP/2 SD L3 and L5 (load bearing, declared values)
nominal thickness range 13 to 60 mm

produced by:

NORDPAN GmbH Industriezone 7 39030 Valdaora – Olang Italy

in the manufacturing plants:
NORDPAN GmbH; Valdaora – Olang; Italy
NORDPAN Rubner Holzbauelemente GmbH; Strassen, Austria

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

#### EN 13 986:2004+A1:2015

under system 2+ are applied and that the factory production control fulfils all the prescribed requirements set out above.

This certificate was first issued on 12 December 2012 (EN 13986:2004) and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Dresden, 16 Juni 2023

Date



Dr.-Ing. Rico Emmler Notified Certification Body







# Declaration of Performance - No.: Nordpan-03.5-SWP/3 S Modified 01-01-2024

Conforms to ordinance No. 305/2011 (BauPVo)

1. Product type identification code   SWP/3 S-D   Chrokiness interval 13-60mm), three layers (L3) or five layers (L5)   Suppose identification marking   SWP/3 S-D (thickness interval 13-60mm), three layers (L3)   Suppose identification marking   SWP/3 S-D (thickness interval 13-60mm), three layers (L3)   Suppose in the product   Suppose in th	4 5	\		CIMPIO	<u> </u>						
3. Name and address of manufacturer   Nordpan GmbH, Industriezone 7, I-39030 OLANG						nton (al 12 COm)	ma) there a layers (1.2)				
3. Name and address of manufacturer	2. F	roduct type identification	marking								
Scope of use of construction product   Solid wood panel under the terms of EM 13353:2022   as structural component for external use	3 1	lame and address of mar	nufacturer	Nordpan GmbH, Industriezone 7, I-39030 OLANG							
S. System for evaluation/check											
5. System for evaluation/check 6. Harmonised regulation applicable 7. Name and identification number of the notified organisation: The Entwicklungs- und Priflabor Holztechnologic Dresden GmBH (NB Nr. 0766) carried out the first inspection of the plant and the company production control (WKP) in conformity with System 2+ and takes care of ongoing controls, estimates and evaluations of WKP.  8. European Technical Analysis (ETA): missing 9. Main characteristics according to EN 12369-3.2022    Nominal Thickness Interval in mm > 20-30			on product								
6. Harmonised regulation applicable	5. S	system for evaluation/che	ck								
The Entwicklungs- und Prüflabor Holztechnologie Dresden GmbH (NB Nr. 0766) carried out the first inspection of the plant and the company production control (WKP) in conformity with System 2+ and takes care of ongoing controls, estimates and evaluations of WKP.    European Technical Analysis (ETA): missing	6. H	larmonised regulation ap	plicable	EN 1398	36:2004+A1:201	15					
The plant and the company production control (WKP) in conformity with System 2+ and takes care of ongoing controls, estimates and evaluations of WKP.	7. N	lame and identification no	umber of the noti	fied organisat	ion:		s 12 cm 17 c				
Second   S	1	he Entwicklungs- und Pr	üflabor Holztechi	nologie Dresa	len GmbH (NB l	Vr. 0766) carrie	d out the first inspec-				
9. Main characteristics according to EN 12369-3:2022    Main characteristics according to EN 12369-3:2022	II II	on of the plant and the co	ompany production	on control (VVI	KP) in conformit	y with System 2	2+ and takes care of				
Main characteristics according to EN 12369-3:2022   Nominal Thickness Interval in mm   \$20-30   \$30-42											
Nominal Thickness Interval in mm   33-20   >20-30   >30-42				ig .							
Bending *   fm, 0, flat   30   27   20	J. 1V		ding to		Nominal Thi	ckness Intonval	in mm				
Vertical stress   Bending *   f,m, 0, flet   30   27   20		LN 12309-3.2022		13-20	T .	1					
Bending *   fm, 0, flat   fm, 90,				13-20	/20-30	/30-42					
Bending *   fm, 0, flat   fm, 90,				Vertical	stress						
Pushing		Bending *	fm 0 flat			20					
Pushing   F <sub>0</sub> , 0, flat   1,0   1,				1000000	100 - 40 / 1	555,595,555					
Fig. 90, field   1,0   1,0   1,0   1,0   1,0   1,0   1,0	[2	Pushing									
Pushing   f_v, o, edge	Ĕ	g									
Pushing   f_v, o, edge	μ		- v, 50, nat			1,10					
Pushing   f_v, o, edge		Bendina	fm 0 edge	_		12					
Pushing   f_v, o, edge	20			1000000							
Pushing   f_v, o, edge	stal	Pulling		3074537	2000						
Pushing   f_v, o, edge	SSis										
Fig. 90	Re	Pressure									
Pushing   fv, 0, edge   fv, 90, edge   d   d   d   2,5											
Fire resistance   Fire multiple follows   Fire follows   Fire resistance   Fire multiple follows   Fire		Pushing									
Note			<u>-</u>								
Bending *   Em, o, flat   10000   10000   8000   1500     Pushing   Go, flat   50   50   50   50     Bending   Em, o, edge   6000   5000   4000     Em, 90, edge   4000   4000   4000     Pulling   Et, o   6000   5000   4000     Pulling   Et, o   6000   5000   4000     Pressure   Ec, o   6000   3500   2500     Pushing   Go, edge   450   450   450     Peviation from impact as resistance under concentrated load and rigidity under concentrated load wall panel capacity   npd     Resistance to shocks   Fire resistance   Fire resistance class     D-s2,d0   12 mm   Without air gap behind wood panel     Without air gap behind wood panel			j 1, 00, 00g0			_,-,-					
Pushing   Go, flat   S0   S0   S0   S0   S0   S0   S0   S		Bending *	nding * E <sub>m. 0. flat</sub>			8000					
Pushing   Go, flat   50   50   50   50   50   50   50   5				650							
Bending   Em, 0, edge   6000   5000   4000		Pushing									
Em, 90, edge	$n^2$ ]			600000		85000					
Em, 90, edge	E			Horizonta	stress						
Em, 90, edge	Ž.	Bending	Em. 0. edge			4000					
Pressure         Ec, 0 Ec, 90         6000 2500         2500           Pushing         Go, edge Ggo, edge         450         450         450           * Please note the individually declared values at the end of the document!         450         450         450           Deviation from impact as resistance under concentrated load and rigidity under concentrated load         npd         npd           Wall panel capacity         npd         npd           Resistance to shocks         npd         End use condition           Fire resistance class         Use condition         End use condition           D-s2,d0         12 mm         Without air gap behind wood panel           With air gap behind wood panel         With air gap behind wood panel	 _			4000	4000	4000					
Pressure         Ec, 0 Ec, 90         6000 2500         2500           Pushing         Go, edge Ggo, edge         450         450         450           * Please note the individually declared values at the end of the document!         450         450         450           Deviation from impact as resistance under concentrated load and rigidity under concentrated load         npd         npd           Wall panel capacity         npd         npd           Resistance to shocks         npd         End use condition           Fire resistance class         Use condition         End use condition           D-s2,d0         12 mm         Without air gap behind wood panel           With air gap behind wood panel         With air gap behind wood panel	jidi	Pulling		6000	5000	4000					
Pressure         Ec, 0 Ec, 90         6000 2500         2500           Pushing         Go, edge Ggo, edge         450         450         450           * Please note the individually declared values at the end of the document!         450         450         450           Deviation from impact as resistance under concentrated load and rigidity under concentrated load         npd         npd           Wall panel capacity         npd         npd           Resistance to shocks         npd         End use condition           Fire resistance class         Use condition         End use condition           D-s2,d0         12 mm         Without air gap behind wood panel           With air gap behind wood panel         With air gap behind wood panel	.S.			4000	4000	4000					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		Pressure		6000	3500						
* Please note the individually declared values at the end of the document!  Deviation from impact as resistance under concentrated load and rigidity under concentrated load  Wall panel capacity  Resistance to shocks  Fire resistance  class  D-s2,d0  12 mm  Without air gap behind wood panel  **Too Manage of the document!  npd  npd  npd  npd  pd  npd  npd  npd				4000	2500	2500					
* Please note the individually declared values at the end of the document!  Deviation from impact as resistance under concentrated load and rigidity under concentrated load  Wall panel capacity  Resistance to shocks  Fire resistance    Fire resistance class   D-s2,d0   12 mm   Without air gap behind wood panel   15 mm   With air gap behind wood panel		Pushing		450							
* Please note the individually declared values at the end of the document!  Deviation from impact as resistance under concentrated load and rigidity under concentrated load  Wall panel capacity		(65)	N 50	450		450					
and rigidity under concentrated load  Wall panel capacity  Resistance to shocks  Fire resistance    Fire resistance class   D-s2,d0   12 mm   With out air gap behind wood panel   15 mm   With air gap behind wood panel	* Ple	ase note the individually									
Wall panel capacity  Resistance to shocks  Fire resistance  class  D-s2,d0  Third resistance and thickness  D-s2,d0  Third resistance class  D-s2,d0  Third resistance and thickness  Third resistance class  D-s2,d0  Third resistance and thickness  Third resistance condition  Third resistance condition  Third resistance and thickness  Third resistance condition  Third resistance class  Third resistance condition  Third resistance class class condition  Third resistance class class condition  Third resistance class condition  Third resistance class cl				centrated loa	d npd						
Resistance to shocks  Fire resistance    Fire resistance   Fire re			d load								
Fire resistance    Fire resistance   Fire resistance   Sistance   Class   D-s2,d0   12 mm   Without air gap behind wood panel   15 mm   With air gap behind wood panel				•							
sistance class  D-s2,d0  12 mm  Without air gap behind wood panel  15 mm  With air gap behind wood panel											
class D-s2,d0 12 mm Without air gap behind wood panel 15 mm With air gap behind wood panel	Fire i	resistance			End use condit	ion					
D-s2,d0 12 mm Without air gap behind wood panel 15 mm With air gap behind wood panel				thickness							
15 mm With air gap behind wood panel											
			D-s2,d0								
18 mm With air gap behind wooden material											
				18 mm	With air gap beh	nind wooden ma	terial				

		D-s2,d2	12 mm	With air gap closed or open and no greater than
Perm	neability to water vapour			22 mm behind wood panel - Apparent average specific gravity
				300 kg/m³:  μ wet 50, μ dry 150  - Apparent average specific gravity 500 kg/m³:
				μ wet 70, μ dry 200
	naldehyde emission			E1
	achlorophenol emission			≤ 5 ppm
-27 (1-12) (1-12)	tion of ambient noise			npd
Sour	nd absorption			0.10 per gamma of frequencies between 250-500 Hz 0.30 per gamma of frequencies between 1000-2000 Hz
Ther	mal conductivity (density)			<ul> <li>Apparent average specific gravity 300 kg/m³:         λ = 0.09 W/mK         <ul> <li>Apparent average specific gravity 500 kg/m³:             λ = 0.13 W/mK</li> </ul> </li> </ul>
Resi	stance to contact pressure	Э		$\rho_{k} = 430 \text{ kg/m}^{3}$
Air p	ermeability			npd
Durability	Adhesion quality			SWP/3 in conformance with EN 13354:2008 (following immersion in varying boiling water)  •0.4 $\leq fV < 0.8 \text{ N/mm}^2$ (with wood break level $\geq 40\%$ )  •0.8 $\leq fV < 1.2 \text{ N/mm}^2$ (with wood break level $\geq 20\%$ )  • $fV \geq 1.2 \text{ N/mm}^2$ (no requirement for wood to break)
	Resistance to transversa	al traction	npd	
	Increase in thickness			npd
	Resistance to humidity			SWP/3
	mechanical (i.e. resistan	ce to sliding-c	reeping)	npd

npd: parameter not set

Signed on behalf and in the name of the producer:

Horst Kofler Managing Director

Olang, 01-01-2024

NORDPAN GMBH SRL Industriezone / Zone Industriale I-39030 QLANG - VILDAORA (BZ) Mwst-Nr. 00124160219 Part. IVA Tel. 0474 496255 - Flax 0474 498002

Previous versions of the performance declaration can be requested by e-mailing info@nordpan.com.

## \* Individually declared bending values 3-ply NORDPAN:

Bending values in N/mm <sup>2</sup> - Individually declared values (SD) for 3-ply panels NORDPAN GMBH											
Thickness in mm	13	16	19	22	27	32	35	42	49	60	
Bending $f_{m, 0, flat}$	35	35	35	30	30	25	25	25	25	25	
Bending $f_{m, 90, flat}$	7,0	7,0	7,0	7,3	6	10	10	10	10	13	
Bending $E_{m, 0, flat}$	10400	10000	10200	10000	10200	9700	9300	9900	9400	9400	
Bending Em, 90, flat	650	800	800	1300	800	1500	1500	1500	1500	1500	







European Notified Body for construction products 0766 Recognized body of DIBt SAC03

accredited by Deutsche Akkreditierungsstelle GmbH (DAkkS)



# CERTIFICATE OF CONFORMITY OF THE FACTORY PRODUCTION CONTROL

#### 0766 - CPR - 364 - 01

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

## NORDPAN Drei- und Fünfschichtplatten

Multilayer Solid Wood Panel acc. to EN 13353 as structural component use for external use.

technical class SWP/3 S L3 and L5 (load bearing) technical class SWP/3 SD L3 and L5 (load bearing, declared values) nominal thickness range 13 to 60 mm

produced by:

NORDPAN GmbH Industriezone 7 39030 Valdaora - Olang Italy

in the manufacturing plants: NORDPAN GmbH; Valdaora - Olang, Italy NORDPAN Rubner Holzbauelemente GmbH; Strassen, Austria

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

## EN 13 986:2004+A1:2015

under system 2+ are applied and that the factory production control fulfils all the prescribed requirements set out above.

This certificate was first issued on 12 Decembre 2012 (EN 13986:2004) and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.

Dresden, 16 Juni 2023

Date



Dr.-Ing. Rico Emmler

Notified Certification Bod