

**DECLARATION OF PERFORMANCE**

DoP 20130701-7505

Issued in accordance with the Construction Products Directive (CPD) 305/2011/EU. Stafa Group hereby declares that the products mentioned below comply with requirements of:

EN 14592 2008+A1 2012

**TIMBER STRUCTURES – DOWEL TYPE FASTENERS**

1. Unique identification code of product : **05020, 05021, 05022, 05023**
2. Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **See annex 1 to this document**
3. Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer **Load bearing timber structures**
4. Contact address of manufacturer : **Stafa Group  
Den Engelsman 18  
6026 RB Maarheeze  
The Netherlands**
5. Contact address of authorised representative : **Not Relevant**
6. Assessment system **System 3**
7. In case of the declaration of performance concerning a construction product covered by a harmonized **Standard: EN14592:2008 + A1::2012  
Performed by: SHR – Nieuwe Kanaal 9b – 6700 AL Wageningen  
under system: 3  
and issued: Report code 12.0570-w**
8. In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued: **Not relevant**

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**IBAN:** NL63 ABNA 0444 6696 39

**BIC:** ABNANL2A

**VAT:** NL800966041B01

**CoC:** 17075593

**DECLARATION OF PERFORMANCE**

9. Declaration performance:

**3.8 Additional tests on countersunk chipboard screws without cutting point and cylinder head chipboard screws without cutting point.**

Other characteristics are identical to Multi and Multi+ screws

**3.8.1 Determination of the characteristic torsional resistance**

Measured in Spruce 450 kg/m<sup>3</sup> WMC 13%

3.0 X 25	3.5 X 35	4.0 X 50	4.5 X 50	5.0 X 50	5.5 X 50	6.0 X 50
$R_{tor,k}$ (Nm)	$R_{tor,k}$ (Nm)	$R_{tor,k}$ (Nm)	$R_{tor,k}$ (Nm)	$R_{tor,k}$ (Nm)	$R_{tor,k}$ (Nm)	$R_{tor,k}$ (Nm)
0.43	0.56	0.92	1.45	2.22	2.10	2.62

**3.8.2 Determination of the characteristic withdrawal resistance**

Measured in Spruce 450 kg/m<sup>3</sup> WMC 13%

3.0 X 25	3.5 X 35	4.0 X 50	4.5 X 50	5.0 X 50	5.5 X 50	6.0 X 50
$F_{ax,k}$ (N/mm <sup>2</sup> )	$F_{ax,k}$ (N/mm <sup>2</sup> )	$F_{ax,k}$ (N/mm <sup>2</sup> )	$F_{ax,k}$ (N/mm <sup>2</sup> )	$F_{ax,k}$ (N/mm <sup>2</sup> )	$F_{ax,k}$ (N/mm <sup>2</sup> )	$F_{ax,k}$ (N/mm <sup>2</sup> )
25.7	24.9	20.8	20.5	25.1	17.8	18.3

**3.8.3 Determination of the characteristic pull through resistance cylinder head chipboard screws**

Measured in Okoume plywood, 18mm, 525 kg/m<sup>3</sup>, EN 314 class 3

3.0 X 25	3.5 X 35	4.0 X 50	4.5 X 50	5.0 X 50	6.0 X 50
$F_{head,k}$ (N/mm <sup>2</sup> )	$F_{head,k}$ (N/mm <sup>2</sup> )	$F_{head,k}$ (N/mm <sup>2</sup> )	$F_{head,k}$ (N/mm <sup>2</sup> )	$F_{head,k}$ (N/mm <sup>2</sup> )	$F_{head,k}$ (N/mm <sup>2</sup> )
31.6	27.2	45.0	37.7	37.6	28.2

10.

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.

The authorized representative of Stafa Group.

Joep van Gool, Management:



Maarheeze, 1 July 2013

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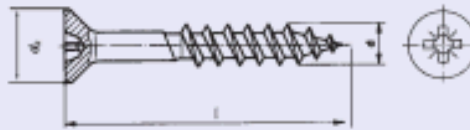
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05020



Verzonken spaanplaatschroeven met kruisgleuf  
Cross recessed countersunk screws for chipboard  
Senkspanplattenschrauben mit Kreuzschlitz  
Vis aglo à tête fraisée à empreinte cruciforme  
Tornillos avellanados para aglomerado  
**Pozidriv (Z)**

Staal verzinkt  
Steel zinc plated  
Stahl verzinkt  
Acier zingué blanc  
Acero cincado

d	3	3,5	4	4,5	5	6
dk ~	6	7	8	9	10	12
Bit	# 1	# 2	# 2	# 2	# 2	# 3

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05020

CODE	SIZE (std)		CODE	SIZE (std)		CODE	SIZE (std)	
0502000127	3 x 12/12	200	0502000194	4 x 60/60	200	0502001031	5 x 60/60	200
0502000128	3 x 16/16	200	0502000189	4 x 70/42	200	0502000069	5 x 70/42	200
0502000007	3 x 20/20	200	0502000046	4,5 x 20/20	200	0502001032	5 x 70/70	200
0502000009	3 x 25/25	200	0502000047	4,5 x 25/25	200	0502000071	5 x 80/48	100
0502000010	3 x 30/30	200	0502000048	4,5 x 30/30	200	0502001061	5 x 80/80	100
0502000011	3 x 35/35	200	0502000049	4,5 x 35/35	200	0502000072	5 x 90/54	100
0502000012	3 x 40/24	200	0502000050	4,5 x 40/24	200	0502000073	5 x 100/60	100
0502000105	3,5 x 12/12	200	0502001058	4,5 x 40/40	200	0502000253	5 x 110/75	100
0502000101	3,5 x 16/16	200	0502000052	4,5 x 45/27	200	0502000156	5 x 120/75	100
0502000016	3,5 x 20/20	200	0502001060	4,5 x 45/45	200	0502000074	6 x 30/30	200
0502000018	3,5 x 25/25	200	0502000053	4,5 x 50/30	200	0502000076	6 x 40/24	100
0502000020	3,5 x 30/30	200	0502001057	4,5 x 50/50	200	0502001086	6 x 40/40	100
0502000022	3,5 x 35/35	200	0502000054	4,5 x 60/36	200	0502000077	6 x 45/27	100
0502000023	3,5 x 40/24	200	0502000193	4,5 x 60/60	200	0502000078	6 x 50/30	100
0502000025	3,5 x 50/30	200	0502000155	4,5 x 70/42	200	0502001087	6 x 50/50	100
0502000129	4 x 16/16	200	0502000056	4,5 x 80/48	200	0502000079	6 x 60/36	100
0502000030	4 x 20/20	200	0502000058	5 x 20/20	200	0502001072	6 x 60/60	100
0502000032	4 x 25/25	200	0502000059	5 x 25/25	200	0502000080	6 x 70/42	100
0502000034	4 x 30/30	200	0502000060	5 x 30/30	200	0502000081	6 x 80/48	100
0502000036	4 x 35/35	200	0502000061	5 x 35/35	200	0502000082	6 x 90/54	100
0502000038	4 x 40/24	200	0502000062	5 x 40/24	200	0502000083	6 x 100/60	100
0502001000	4 x 40/40	200	0502001064	5 x 40/40	200	0502000085	6 x 110/75	100
0502000040	4 x 45/27	200	0502000064	5 x 45/27	200	0502000103	6 x 120/75	100
0502000180	4 x 45/45	200	0502000195	5 x 45/45	200	0502000087	6 x 130/75	100
0502000041	4 x 50/30	200	0502000065	5 x 50/30	200	0502000088	6 x 140/75	100
0502001059	4 x 50/50	200	0502001004	5 x 50/50	200	0502000089	6 x 150/75	100
0502000043	4 x 60/36	200	0502000067	5 x 60/36	200	0502000090	6 x 160/75	100

Also a lot of sizes bulk packed available

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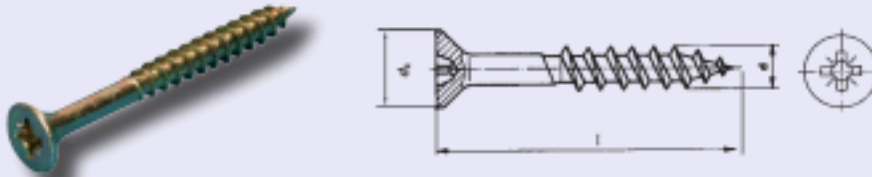
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Verzonken spaanplaatschroeven met kruisgleuf  
 Cross recessed countersunk screws for chipboard  
 Senkspanplattenschrauben mit Kreuzschlitz  
 Vis agгло à tête fraisée à empreinte cruciforme  
 Tornillos avellanados para aglomerado  
**Pozidriv (Z)**

Staal verzinkt, geel gepass.  
 Steel zinc plated, yellow pass.  
 Stahl verzinkt, gelb passiviert  
 Acier bichromaté  
 Acero bicromatado

d 3 3,5 4 4,5 5 6

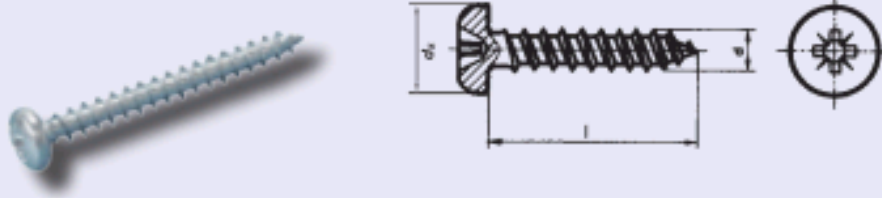
dk ~ 6 7 8 9 10 12

Bit # 1 # 2 # 2 # 2 # 2 # 3

CODE	SIZE (d×k)	QTY	CODE	SIZE (d×k)	QTY	CODE	SIZE (d×k)	QTY
0502100003	3 x 12/12	200	0502101032	4 x 40/40	200	0502100048	5 x 60/36	200
0502100004	3 x 16/16	200	0502100028	4 x 45/27	200	0502100050	5 x 70/42	200
0502100005	3 x 20/20	200	0502100029	4 x 50/30	200	0502100052	5 x 80/48	100
0502100006	3 x 25/25	200	0502100031	4 x 60/36	200	0502100068	5 x 90/54	100
0502100007	3 x 30/30	200	0502100032	4,5 x 20/20	200	0502100053	5 x 100/60	100
0502100064	3 x 35/35	200	0502100033	4,5 x 25/25	200	0502100181	5 x 120/75	100
0502100097	3 x 40/24	200	0502100034	4,5 x 30/30	200	0502100054	6 x 40/24	100
0502100008	3,5 x 16/16	200	0502100035	4,5 x 35/35	200	0502100063	6 x 45/27	100
0502100010	3,5 x 20/20	200	0502100036	4,5 x 40/24	200	0502100055	6 x 50/30	100
0502100012	3,5 x 25/25	200	0502100037	4,5 x 45/27	200	0502100056	6 x 60/36	100
0502100014	3,5 x 30/30	200	0502100038	4,5 x 50/30	200	0502100057	6 x 70/42	100
0502100016	3,5 x 35/35	200	0502100039	4,5 x 60/36	200	0502100058	6 x 80/48	100
0502100017	3,5 x 40/24	200	0502100113	4,5 x 70/42	200	0502100059	6 x 90/54	100
0502100099	3,5 x 50/30	200	0502100040	5 x 20/20	200	0502100060	6 x 100/60	100
0502100018	4 x 16/16	200	0502100041	5 x 25/25	200	0502100061	6 x 120/75	100
0502100019	4 x 20/20	200	0502100042	5 x 30/30	200	0502100066	6 x 130/75	100
0502100020	4 x 25/25	200	0502100043	5 x 35/35	200	0502100116	6 x 140/75	100
0502100022	4 x 30/30	200	0502100044	5 x 40/24	200	0502100117	6 x 160/75	100
0502100024	4 x 35/35	200	0502100045	5 x 45/27	200	0502100118	6 x 180/75	100
0502100026	4 x 40/24	200	0502100046	5 x 50/30	200	0502100119	6 x 200/75	100

Also a lot of sizes bulk packed available

05022



Bolcilinder spaanplaatschroeven met kruisgleuf  
 Cross recessed raised cheese head screws for chipboard  
 Linsen Spanplattenschrauben mit Kreuzschlitz  
 Vis agglò à tête cyl. bombée à empreinte cruciforme  
 Tornillos de cabeza cilíndrica para aglomerado  
**Pozidriv (Z)**

Staal verzinkt  
 Steel zinc plated  
 Stahl verzinkt  
 Acier zingué blanc  
 Acero cincado

d	3	3,5	4	4,5	5
dk ~	6	7	8	9	10
Bit	# 1	# 2	# 2	# 2	# 2

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05022

CODE	SIZE (std)		CODE	SIZE (std)		CODE	SIZE (std)	
0502200001	3 x 12/12	200	0502200027	4 x 25/25	200	0502200040	4,5 x 45/45	200
0502200004	3 x 16/16	200	0502200028	4 x 30/30	200	0502200041	4,5 x 50/50	200
0502200006	3 x 20/20	200	0502200029	4 x 35/35	200	0502200011	4,5 x 60/60	200
0502200007	3 x 25/25	200	0502200030	4 x 40/40	200	0502200042	5 x 20/20	200
0502200009	3,5 x 12/12	200	0502200031	4 x 45/45	200	0502200043	5 x 25/25	200
0502200012	3,5 x 16/16	200	0502200032	4 x 50/50	200	0502200044	5 x 30/30	200
0502200014	3,5 x 20/20	200	0502200033	4 x 60/60	200	0502200045	5 x 35/35	200
0502200015	3,5 x 25/25	200	0502200034	4,5 x 16/16	200	0502200046	5 x 40/40	200
0502200016	3,5 x 30/30	200	0502200035	4,5 x 20/20	200	0502200048	5 x 50/50	200
0502200018	3,5 x 40/40	200	0502200036	4,5 x 25/25	200	0502200049	5 x 60/60	200
0502200019	4 x 12/12	200	0502200037	4,5 x 30/30	200	0502200050	5 x 70/70	200
0502200022	4 x 16/16	200	0502200038	4,5 x 35/35	200	0502200051	5 x 80/80	200
0502200026	4 x 20/20	200	0502200039	4,5 x 40/40	200			

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05023



Verzonken spaanplaatschroeven met kruisgleuf en kopboring  
 Cross recessed countersunk screws with hole for chipboard  
 Senkspanplattenschrauben mit Kreuzschlitz und Bohrung  
 Vis agгло à tête fraisée à empreinte cruciforme avec trou  
 Tornillos avellanados con agujero para aglomerado  
**Pozidriv (Z)**

Staal verzinkt  
 Steel zinc plated  
 Stahl verzinkt  
 Acier zingué blanc  
 Acero cincado

All sizes partially treaded

CODE	SIZE (d×l)	dk ~	Bit	
0502300002	4,5x 25	9	# 2	200
0502300003	4,5x 30	9	# 2	200
0502300004	4,5x 35	9	# 2	200
0502300005	4,5x 40	9	# 2	200
0502300006	4,5x 45	9	# 2	200
0502300007	4,5x 50	9	# 2	200
0502300008	4,5x 60	9	# 2	200

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