DECLARATION OF PERFORMANCES
N° SAND 01A EN

LR ETANCO SAS
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1. *Unique identification code of the product-type*

DRILLNOX 4 DF A4 5,5 x L
DRILLNOX 12 DF A4 5,5 x L
DRILLNOX BDF 6,5 x L

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4) :*

SELF-DRILLING STAINLESS STEEL SCREWS, HEXAGON HEAD + SEALING WASHER Ø ≥ 19 mm

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specifications, as foreseen by the manufacturer :*

FASTENING SCREWS FOR SANDWICH PANELS

4. *Name, registered trade name or registered trade mark and contract address of the manufacturer as required pursuant to article 11(5) :*

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5. *Where applicable name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2) :*

NOT RELEVANT

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V :*

System 2+

7. *In case of the declaration of performance concerning a construction product covered by a harmonized standard :*

NOT RELEVANT

8. *In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued :*

DEUTSCHES INSTITUT FÛR BAUTECHNIK (DIBT)
589/106/EEC, modifié 93/68/EEC – EC N°1882/2003

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9. Declared Performances :

Référentiel : ETA -13/0180 (EOTA)

DRILLNOX 4 DF A4 5,5 x L + Rd 19															
daN			Component II (mm)					daN			Component II (mm)				
			1,50	2,00	2,50	3,00	4,00				1,50	2,00	2,50	3,00	4,00
Pull out	Component I (mm)	0,50	95	95	95	95	95	Shear	Component I (mm)	0,50	151	151	151	151	151
		0,55	116	117	117	117	117			0,55	173	192	192	192	192
		0,63	141	143	143	143	143			0,63	173	240	240	240	240
		0,75	183	188	188	188	188			0,75	173	240	322	322	322
		0,88	27	250	250	259	276			0,88	173	240	322	372	372
		1,00	267	308	308	324	357			1,00	173	240	322	419	419

If the component I is made of S320 ou S350GD the grey highlighted values may be increased by 8 %

DRILLNOX 12 DF A4 5,5 x L + Rd 19															
daN			Component II (mm)					daN			Component II (mm)				
			4,00	5,00	6,00	8,00	12,00				4,00	5,00	6,00	8,00	12,00
Pull out	Component I (mm)	0,50	106	106	106	106	106	Shear	Component I (mm)	0,50	193	193	193	193	193
		0,55	127	127	127	127	127			0,55	228	228	228	228	228
		0,63	152	152	152	152	152			0,63	269	269	269	269	269
		0,75	228	228	228	228	228			0,75	340	340	340	340	340
		0,88	323	323	323	323	323			0,88	394	394	394	394	394
		1,00	411	411	411	411	411			1,00	443	443	443	443	443

If the component I is made of S320 ou S350GD the grey highlighted values may be increased by 8 %

DRILLNOX BDF 6,5 x L + Rd 19										
daN			Thickness of the sandwich panel (mm) - Timber anchor $L_{ef} \geq 50$ mm							
			40	50	60	70	80	100	120	≥ 140
Pull out	Component I (mm)	0,50	103	103	103	103	103	103	103	103
		0,55	114	114	114	114	114	114	114	114
		0,63	126	126	126	126	126	126	126	126
		0,75	126	126	126	126	126	126	126	126
		0,88	126	126	126	126	126	126	126	126
		1,00	126	126	126	126	126	126	126	126

DRILLNOX BDF 6,5 x L + Rd 19										
daN			Thickness of the sandwich panel (mm) - Timber anchor $L_{ef} \geq 50$ mm							
			40	50	60	70	80	100	120	≥ 140
Shear	Component I (mm)	0,50	202	202	202	202	202	202	202	202
		0,55	226	226	226	226	226	226	226	226
		0,63	253	253	253	253	253	253	253	253
		0,75	253	253	253	253	253	253	253	253
		0,88	253	253	253	253	253	253	253	253
		1,00	253	253	253	253	253	253	253	253

If the component I is made of S320 ou S350GD the grey highlighted values may be increased by 8 %

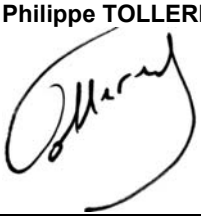
Valid for K_{mod} = 0,90 and timber strength grad C24 (ρ_a = 350 kg/m3)

10. The performance of the product identified in points 1 and 2 is in conformity with declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and behalf of the manufacturer by:
In Le Pecq, 2013 june 29th

Technical Director

Philippe TOLLERET



Quality Director

Didier GUILLAUME

