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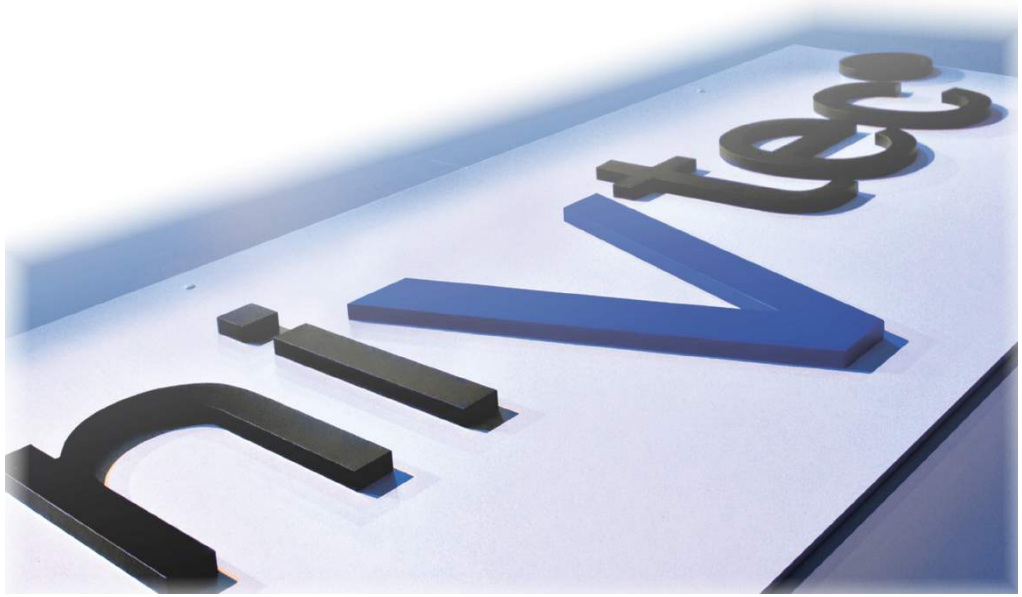
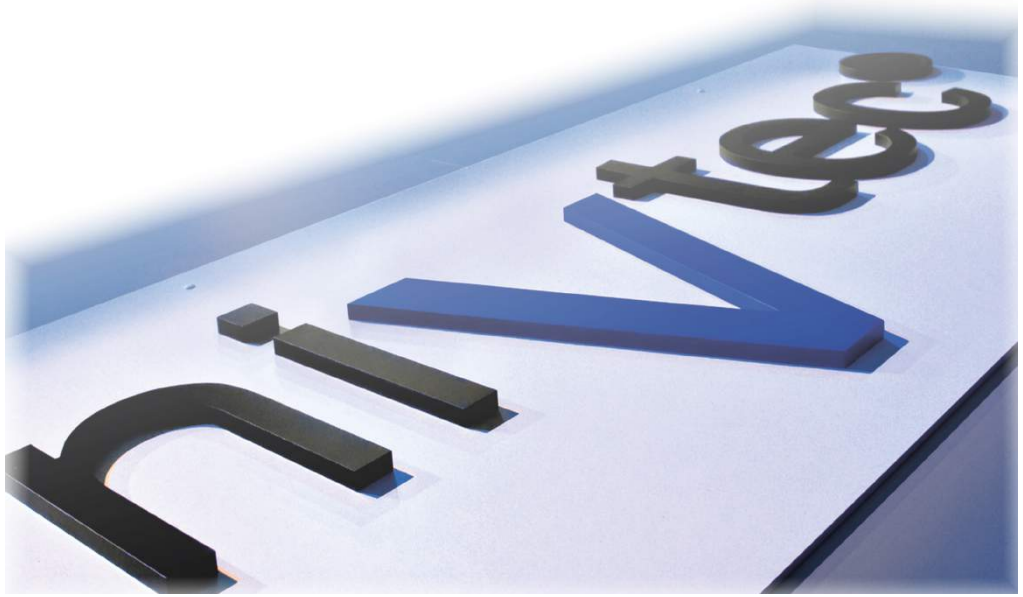


The Staging System

acc. to DIN EN 13814

Addition to Catalogue 2012

Edition 2015



Welcome to nivtec 2015 !

brief introduction: What sets nivtec staging system apart?

1.

leg support - patented: fit in the leg
– turn the lever - ready!

2.

hook-on system - patented:
hook tongue into groove

3.

integrated locking mechanism Klick-Klack:
lock mechanism – ready!

4.

multiplex plywood panel,
thickness 12 mm: low weight

5.

assembly of legs:
no tools required

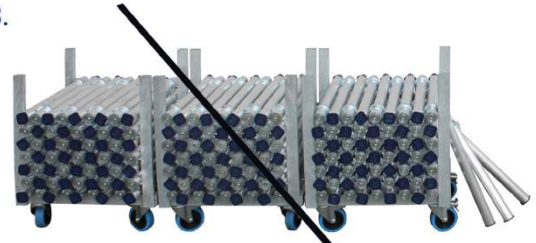
6.

assembly of stage with standard platforms:
no additional connection parts required

7.

compatible with Layher: easy
and stepless height adjustment

8.



reduction of legs depending on stage size and shape, example: stage 12 × 8 m, reduction from 192 to 63 legs

63 + 63 + 63 + 3 63 legs only

9.

assembly of ramps: quickly made!

10.

rolling risers: easily done!

nivtec combines

- high quality material with origin in Remscheid, Germany and the EU,
- precision and care due to part production with nivtec's own tools,
- continuous production control of suppliers' processes and at our own premises,
- structural calculations acc. to current regulations,
- continuous technical monitoring with TÜV inspections

All this has its costs, but in the end the result pays off. Because with nivtec

you save **Power** - less assembly staff required,

you save **Time** - short assembly and disassembly times.

Thus you save **Money** - time and manpower do have their prices.

The objective for 2015 was to optimize the tried and tested nivtec staging system
What has been achieved?

1. Flexibility in material as also for heights exceeding 80 cm you can use alu legs as alternative to steel legs. You've got the choice …

Steel for tough situations

Alu for an elegant appearance

2. Improvement of plastic parts

breakproof leg corks and base plates

3. Replacement of legs in special sizes by legs in standard sizes for height adjustment with Layher spindles

4. Extended field of use for standard legs due to removable leg cork

The result tells its own tale: new base construction nivtec-Alu for stage heights up to 180 cm – a combination of

Layher spindles

Layher base collars

Layher clampable rosettes

= lighter, faster, easier

Layher alu diagonal braces for nivtec bay heights

nivtec alu legs in standard sizes with removable leg cork

nivtec-Alu in details

1. optimized height adjustment:

basic height

nivtec alu leg with leg cork

basic height + max. 20 cm

nivtec alu leg leg cork removed on Layher spindle

basic height + max. 40 cm

nivtec alu leg leg cork removed on Layher spindle with Layher base collar

2. quick and easy attachment of braces

top:

Layher alu diagonal brace with wedge heads

Layher rosette, clampable

bottom:

rosette, clampable

rosette, clampable

base collar

3. flexibel use of Layher alu diagonal braces for nivtec bay heights Example: nivtec alu legs 80 cm and 100 cm

alu leg 80 cm

stage height 80 cm

diagonal brace for bay height 0,475 m

+ Layher spindle

stage height 100 cm

diagonal brace for bay height 0,475 m

+ Layher base collar

stage height 120 cm

diagonal brace for bay height 0,675 m

alu leg 100 cm

stage height 100 cm

diagonal brace for bay height 0,675 m

Repetition of the same pattern for alu leg 100 cm:

alu leg	stage height 100 cm	diagonal brace for bay height 0,675 m
+ Layher spindle	stage height 120 cm	diagonal brace for bay height 0,675 m
+ Layher base collar	stage height 140 cm	diagonal brace for bay height 0,875 m

Repetition of the same pattern for alu leg 120 cm:

alu leg	stage height 120 cm	diagonal brace for bay height 0,875 m...

Bracing Guideline for base constructions nivtec-Alu from 80 cm up to 180 cm	max. stage height	alu diag. brace bay height	rosettes * with thread	alu horizontal brace
nivtec alu leg 60 cm	60 cm			
nivtec alu leg 60 cm + Layher spindle 60	80 cm	0,475 m	1 + 1*	
nivtec alu leg 60 cm + Layher spindle 60 + base collar	100 cm	0,475 m	1	
nivtec alu leg 80 cm	80 cm	0,475 m	2	
nivtec alu leg 80 cm + Layher spindle 80	100 cm	0,475 m	2	
nivtec alu leg 80 cm + Layher spindle 80 + base collar	120 cm	0,675 m	1	
nivtec alu leg 100 cm	100 cm	0,675 m	2	
nivtec alu leg 100 cm + Layher spindle 80	120 cm	0,675 m	2	
nivtec alu leg 100 cm + Layher spindle 80 + base collar	140 cm	0,875 m	1	
nivtec alu leg 120 cm	120 cm	0,875 m	2	
nivtec alu leg 120 cm + Layher spindle 80	140 cm	0,875 m	2	
nivtec alu leg 120 cm + Layher spindle 80 + base collar	160 cm	1,075 m	1	x
nivtec alu leg 140 cm	140 cm	1,075 m	2	
nivtec alu leg 140 cm + Layher spindle 80	160 cm	1,075 m	2	x
nivtec alu leg 140 cm + Layher spindle 80 + base collar	180 cm	1,275 m	1	x
nivtec alu leg 160 cm	160 cm	1,275 m	2	x
nivtec alu leg 160 cm + Layher spindle 80	180 cm	1,275 m	2	x
nivtec alu leg 180 cm	180 cm	1,475 m	2	x
assembly acc. to Assembly Instruction 2015 and project bound nivtec bracing plans and part lists				

4. various executions of diagonals – the perfect diagonal for any occasion

bottom

top

horizontal bracing with Layher alu ledger
mandatory for stage heights exceeding 140 cm

wedge head

Version 1:
Layher alu diagonal brace, wh/wh
for stage heights up to 180 cm
for alu legs acc. to bracing guideline
and alu levelling legs with adj. spindle

wedge head

wedge head

Version 2:
Layher alu diagonal brace, wh/sc
for stage heights up to 180 cm
for alu legs acc. to bracing guideline
and alu levelling legs with adj. spindle

semi coupler

semi coupler

Version 3:
Layher alu diagonal brace, sc/sc
for stage heights up to 140 cm
for all legs except of extension legs

semi coupler

swivel coupler*

Version 4:
nivtec alu tube diagonal, 48,3 x 4 mm
for stage heights from 80 cm up to 140 cm
for all legs incl. extension legs

swivel coupler

* at inner tubes of extension legs:
at the bottom: Altrad/Plettac reduction swivel coupler 48,3 / 38 mm

* at alu leg 60 cm on Layher spindle 60:
at the bottom: at the spindle: Altrad/Plettac reduction swivel coupler 48,3 / 38 mm

The improvement of the base construction was the trigger for more:

1. Modification of stairways by stair stringers for 3 and 4 steps

- stairway width 150 cm – inner width 120 cm acc. to regulations
- conversion from hook-on stairway to push-on stairway – saves 1 step
- flexible extension of stairway height at the bottom or at the top due to removable spindle leg and distance piece
- connection of two stages with stairway
- extension of stairway width possible with additonal stringers

2. Flexible attachment of stairways and ramps parallel to the stage or at a 90° angle due to platforms 200 x 100 cm with 2 additional leg supports at short or long side

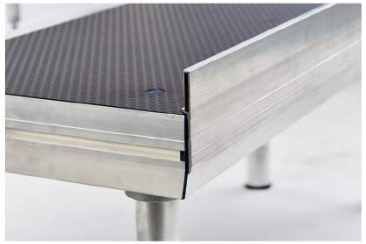
3. Adaption of stairway rails

stairway rail, final part
240 mm – ending on top step
new execution – adapted to stage rail

stairway rail, final part
350 mm - ending on stage
connection with standard rails
in raster sizes 35 / 85 / 135 / 185 cm
= no special rails sizes 50 / 100 / 150 cm required

Also new: single piece stairway rails for push-on stairways with 3 or 4 steps, ending on stage

4. Extension of range of accessories:

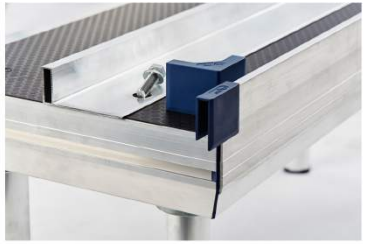


2 turned into 1:

chair blocking device and lining lath turned into the new anti-tumbling board
as safeguard at three sides of a stage combined with attachment of textile lining
– no adhesives at platform frames

all laths at one glance: the perfect lath for each occasion !

chair blocking device for
gallery construction remain in range
blank execution



plastic parts for corners and gaps of
new anti-tumbling boards, slip on type
– easily mounted or demounted within seconds

5. additional parts for gapless set up of rails

rail wedge for connection of ramp rails with stage rails

rail for quadrant platforms

rail, width 15 cm, for securing ramp rails or detached stairway rails

6. Enlargement of platform range

new platform size 150 x 75 cm
for construction of ramps, small stages or catwalks
for one-man assembly

platforms for circle shapes
platforms in kite shape for diameters 3 and 4 m
triangle platforms and extension trapezoids
for diameters 6 and 8 m

from theory to practice
base construction nivtec-Alu

first practical test
prolight + sound 2015

Just before the prolight + sound 2015 the system optimization was sealed with various TÜV tests.

This led to the idea to do the first practical test at the fair. Three days before the exhibition final decisions were made to bring material for assembly of several stages to Frankfurt and to show various stage versions. As a result technology was the main theme of the presentation and the slogan for this fair was born:

lighter, easier, faster

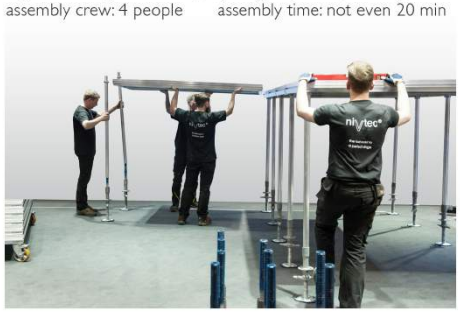
All the material for this project was taken to the booth. Compact storage within the confines of the stand was required.
The assembly crew received first detailed instructions regarding the new base construction just before starting the first set up. It was important to do this first test of handling the new parts under realistic conditions.
At the end of prolight + sound there was a clear result:

Practice confirms theory !

prolight + sound 2015: team and material
at the starting point

stage height 180 cm

Assembly of stage 6 x 4 m with alu legs 140 cm, Layher spindles 80 and base collars,
Layher alu diagonal braces, bay height 1,275 m, and Layher alu horizontal braces
assembly crew: 4 people assembly time: not even 20 min



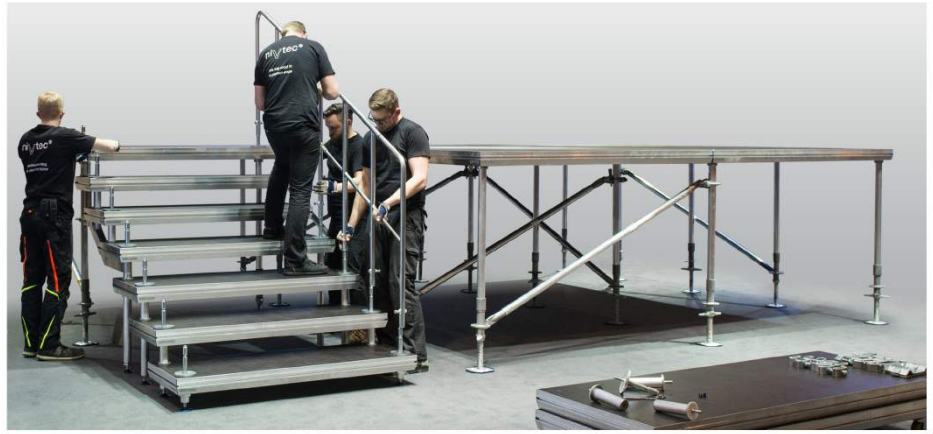
standard stairway with 4 steps + extension with stairway stringers for 4 steps

demo stage with stairway parallel to stage, with stairway rails and stage rails

stage height 140 cm

Assembly of stage 6 x 4 m with alu legs 100 cm, Layher spindles 80
base collars and Layher alu diagonal braces, bay height 0,875 m

Combination: standard stairway with 3 steps + stringer stairway with 3 steps – set up of stairway rail



demo stage with stairway parallel to stage, with stairway rails and stage rails

stage height 80 cm

Attachment of Layher alu diagonal brace, bay height 0,475 m

Assembly of stringer stairway

Extension into show stairway

Attachment of platforms for circles, kite shape

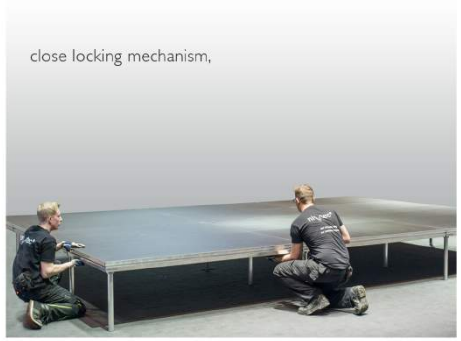
Assembly of demo stage, made of platforms 150 x 75 cm,
with show stairway 3 m, stairway rails, stage rails
and platforms for circle shapes

stage height 60 cm – record attempt

… just one left,

hook in,

close locking mechanism,



ready !

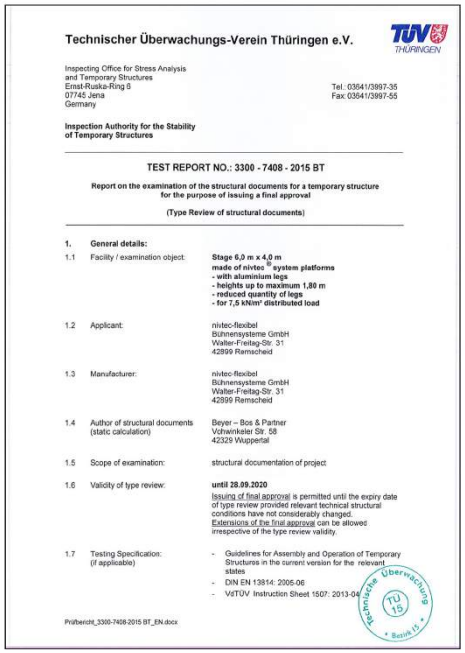
Stage 6 x 4 m:
material: 12 platforms + 20 alu legs

assembly crew: 2 people
assembly time: 3:58 min

from theory to practice
base construction nivtec-Alu

load tests
TÜV certifications

Certificates nivtec stage, up to max. 1,80 m, with alu legs and alu braces from 80 cm



Technischer Überwachungs-Verein Thüringen e.V.

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Inspection Authority for the Stability of Temporary Structures

TEST REPORT NO.: 3300 - 7408 - 2015 BT

Report on the examination of the structural documents for a temporary structure for the purpose of issuing a final approval

(Type Review of structural documents)

1.	**General details:**	
1.1	Facility / examination object:	**Stage 6,0 m x 4,0 m made of nivtec® system platforms - with aluminium legs - heights up to maximum 1,80 m - reduced quantity of legs - for 7,5 kN/m² distributed load**
1.2	Applicant:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.3	Manufacturer:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.4	Author of structural documents (static calculation)	Beyer – Bos & Partner Vohwinkeler Str. 58 42329 Wuppertal
1.5	Scope of examination:	structural documentation of project
1.6	Validity of type review:	**until 28.09.2020** Issuing of final approval is permitted until the expiry date of type review provided relevant technical structural conditions have not considerably changed. Extensions of the final approval can be allowed irrespective of the type review validity.
1.7	Testing Specification: (if applicable)	- Guidelines for Assembly and Operation of Temporary Structures in the current version for the relevant states - DIN EN 13814: 2005-06 - VdTÜV Instruction Sheet 1507: 2013-04

Technische Überwachung TÜ 15 Bezirk 15

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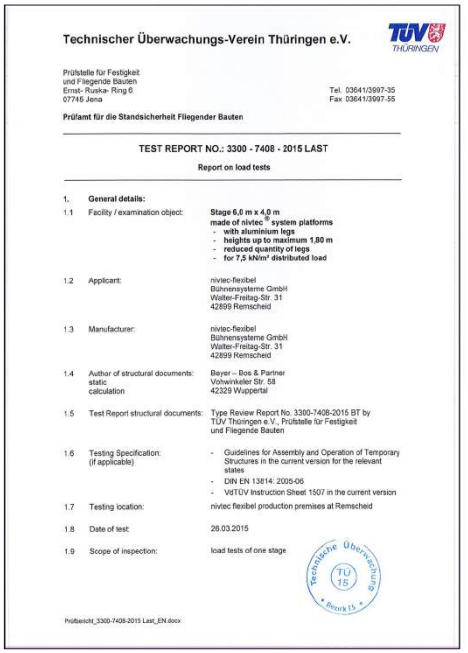

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Prüfamt für die Standsicherheit Fliegender Bauten

TEST REPORT NO.: 3300 - 7408 - 2015 LAST

Report on load tests

1.	**General details:**	
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1.4	Author of structural documents: static calculation	Beyer – Bos & Partner Vohwinkeler Str. 58 42329 Wuppertal
1.5	Test Report structural documents:	Type Review Report No. 3300-7408-2015 BT by TÜV Thüringen e.V., Prüfstelle für Festigkeit und Fliegende Bauten
1.6	Testing Specification: (if applicable)	- Guidelines for Assembly and Operation of Temporary Structures in the current version for the relevant states - DIN EN 13814: 2005-06 - VdTÜV Instruction Sheet 1507 in the current version
1.7	Testing location:	nivtec flexibel production premises at Remscheid
1.8	Date of test:	26.03.2015
1.9	Scope of inspection:	load tests of one stage

Technische Überwachung TÜ 15 Bezirk 15

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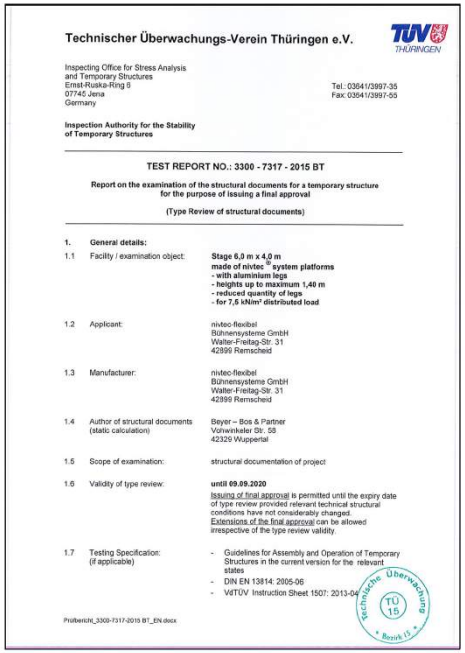
Certificates nivtec stage, up to max. 1,40 m, with alu legs and alu braces from 80 cm



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Inspection Authority for the Stability of Temporary Structures

TEST REPORT NO.: 3300 - 7317 - 2015 BT

Report on the examination of the structural documents for a temporary structure for the purpose of issuing a final approval

(Type Review of structural documents)

1.	**General details:**	
1.1	Facility / examination object:	**Stage 6,0 m x 4,0 m made of nivtec® system platforms - with aluminium legs - heights up to maximum 1,40 m - reduced quantity of legs - for 7,5 kN/m² distributed load**
1.2	Applicant:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.3	Manufacturer:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.4	Author of structural documents (static calculation)	Beyer – Bos & Partner Vohwinkeler Str. 58 42329 Wuppertal
1.5	Scope of examination:	structural documentation of project
1.6	Validity of type review:	**until 09.09.2020** Issuing of final approval is permitted until the expiry date of type review provided relevant technical structural conditions have not considerably changed. Extensions of the final approval can be allowed irrespective of the type review validity.
1.7	Testing Specification: (if applicable)	- Guidelines for Assembly and Operation of Temporary Structures in the current version for the relevant states - DIN EN 13814: 2005-06 - VdTÜV Instruction Sheet 1507: 2013-04

Technische Überwachung TÜ 15 Bezirk 15

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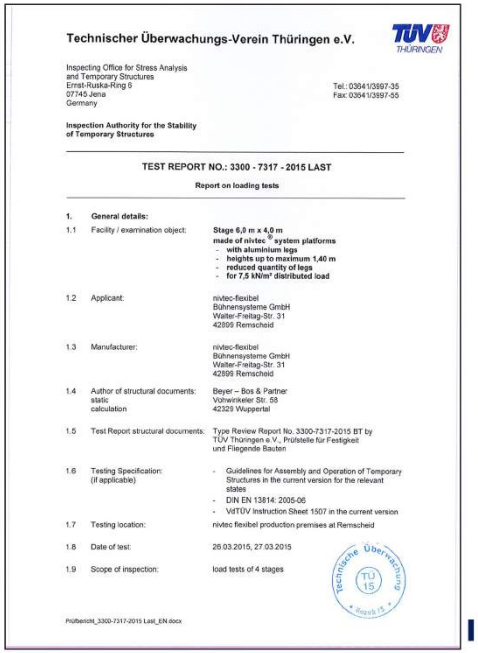

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Inspection Authority for the Stability of Temporary Structures

TEST REPORT NO.: 3300 - 7317 - 2015 LAST

Report on loading tests

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1.5	Test Report structural documents:	Type Review Report No. 3300-7317-2015 BT by TÜV Thüringen e.V., Prüfstelle für Festigkeit und Fliegende Bauten
1.6	Testing Specification: (if applicable)	- Guidelines for Assembly and Operation of Temporary Structures in the current version for the relevant states - DIN EN 13814: 2005-06 - VdTÜV Instruction Sheet 1507 in the current version
1.7	Testing location:	nivtec flexibel production premises at Remscheid
1.8	Date of test:	26.03.2015, 27.03.2015
1.9	Scope of inspection:	load tests of 4 stages

Technische Überwachung TÜ 15 Bezirk 15

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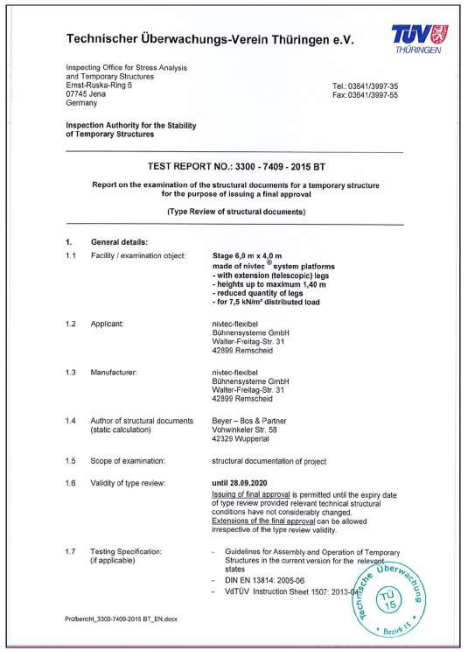
Certificates nivtec stage, up to max. 1,40 m, with extension legs and alu braces from 80 cm



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Inspection Authority for the Stability of Temporary Structures

TEST REPORT NO.: 3300 - 7409 - 2015 BT

Report on the examination of the structural documents for a temporary structure for the purpose of issuing a final approval

(Type Review of structural documents)

1. General details:

1.1	Facility / examination object:	**Stage 6,0 m x 4,0 m made of nivtec® system platforms - with extension (telescopic) legs - heights up to maximum 1,40 m - reduced quantity of legs - for 7,5 kN/m² distributed load**
1.2	Applicant:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.3	Manufacturer:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.4	Author of structural documents (static calculation)	Beyer – Bos & Partner Vohwinkeler Str. 58 42329 Wuppertal
1.5	Scope of examination:	structural documentation of project
1.6	Validity of type review:	**until 28.09.2020** Issuing of final approval is permitted until the expiry date of type review provided relevant technical structural conditions have not considerably changed. Extensions of the final approval can be allowed irrespective of the type review validity.
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Inspection Authority for the Stability of Temporary Structures

TEST REPORT NO.: 3300 - 7409 - 2015 LAST

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1.7	Testing location:	nivtec flexibel production premises at Remscheid
1.8	Date of test:	26.03.2015, 05.08.2015
1.9	Scope of inspection:	load tests of 2 stages

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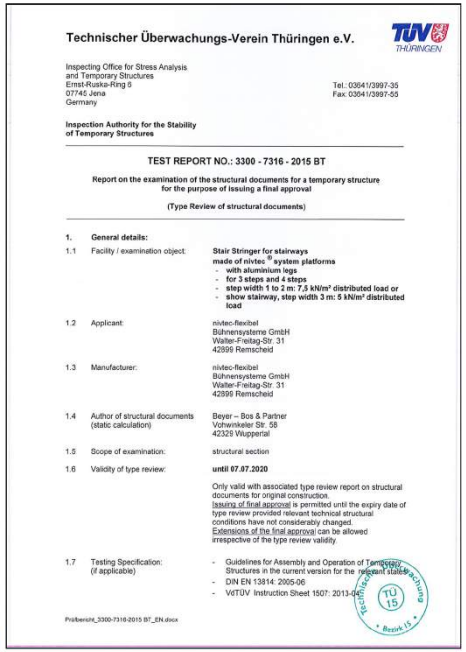
Certificates nivtec stair stringer for 3 or 4 steps – show stairway, step width 3 m – rails, height 100 cm



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Inspection Authority for the Stability of Temporary Structures

TEST REPORT NO.: 3300 - 7316 - 2015 BT

Report on the examination of the structural documents for a temporary structure for the purpose of issuing a final approval

(Type Review of structural documents)

1. General details:

1.1	Facility / examination object:	**Stair Stringer for stairways made of nivtec® system platforms - with aluminium legs - for 3 steps and 4 steps - step width 1 to 2 m: 7,5 kN/m² distributed load or show stairway, step width 3 m: 5 kN/m² distributed load**
1.2	Applicant:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.3	Manufacturer:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.4	Author of structural documents (static calculation)	Beyer – Bos & Partner Vohwinkeler Str. 58 42329 Wuppertal
1.5	Scope of examination:	structural section
1.6	Validity of type review:	**until 07.07.2020** Only valid with associated type review report on structural documents for original construction. Issuing of final approval is permitted until the expiry date of type review provided relevant technical structural conditions have not considerably changed. Extensions of the final approval can be allowed irrespective of the type review validity.
1.7	Testing Specification: (if applicable)	- Guidelines for Assembly and Operation of Temporary Structures in the current version for the relevant states - DIN EN 13814: 2005-06 - VdTÜV Instruction Sheet 1507: 2013-04

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Technischer Überwachungs-Verein Thüringen e.V.

Inspecting Office for Stress Analysis
and Temporary Structures
Ernst-Ruska-Ring 6
07745 Jena
Germany
Tel.: 03641/3997-35
Fax: 03641/3997-55

Inspection Authority for the Stability of Temporary Structures

TEST REPORT NO.: 3300 - 7316 - 2015 LAST

Report on load tests

1. General details:

1.1	Facility / examination object:	**Stair Stringer for stairways made of nivtec® system platforms with nivtec safety rails, height 100 cm for nivtec stages and nivtec seat galleries - with aluminium legs - for 3 steps and 4 steps - step width 1 to 2 m: 7,5 kN/m² distributed load or - show stairway, step width 3 m: 5 kN/m² distributed load - 1 kN / m lateral load on hand rail**
1.2	Applicant:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.3	Manufacturer:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid
1.4	Testing Specification: (if applicable)	Guidelines for Assembly and Operation of Temporary Structures in the current version for the relevant states DIN EN 13814: 2005-06 VdTÜV Instruction Sheet 1507 in the current version
1.5	Testing location:	nivtec flexibel production premises at Remscheid
1.6	Date of test:	09.04.2015, 05.08.2015
1.7	Scope of inspection:	load tests of stairway with safety rail

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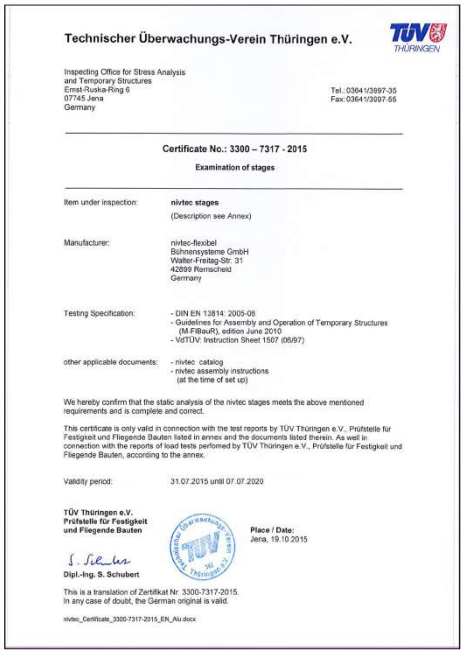
Summary Certificates 2015 – nivtec-Alu



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Certificate No.: 3300 – 7317 - 2015

Examination of stages

Item under inspection:	**nivtec stages** (Description see Annex)
Manufacturer:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid Germany
Testing Specification:	- DIN EN 13814: 2005-06 - Guidelines for Assembly and Operation of Temporary Structures (M-FIBauR), edition June 2010 - VdTÜV: Instruction Sheet 1507 (06/97)
other applicable documents:	- nivtec catalog - nivtec assembly instructions (at the time of set up)

We hereby confirm that the static analysis of the nivtec stages meets the above mentioned requirements and is complete and correct.

This certificate is only valid in connection with the test reports by TÜV Thüringen e.V., Prüfstelle für Festigkeit und Fliegende Bauten listed in annex and the documents listed therein. As well in connection with the reports of load tests performed by TÜV Thüringen e.V., Prüfstelle für Festigkeit und Fliegende Bauten, according to the annex.

Validity period: 31.07.2015 until 07.07.2020

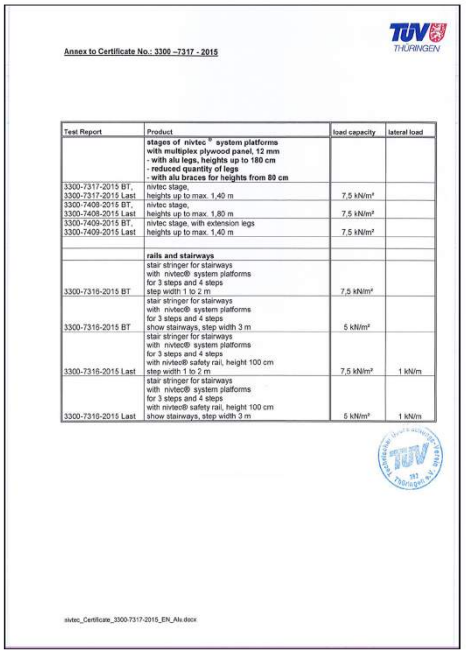
TÜV Thüringen e.V.
Prüfstelle für Festigkeit und Fliegende Bauten

Dipl.-Ing. S. Schubert

Place / Date:
Jena, 19.10.2015

This is a translation of Zertifikat Nr. 3300-7317-2015.
In case of doubt, the German original is valid.

nivtec_Certificate_3300-7317-2015_EN_Alu.docx



Annex to Certificate No.: 3300 –7317 - 2015

Test Report	Product	load capacity	lateral load
	stages of nivtec® system platforms with multiplex plywood panel, 12 mm - with alu legs, heights up to 180 cm - reduced quantity of legs - with alu braces for heights from 80 cm		
3300-7317-2015 BT, 3300-7317-2015 Last	nivtec stage, heights up to max. 1,40 m	7,5 kN/m²	
3300-7408-2015 BT, 3300-7408-2015 Last	nivtec stage, heights up to max. 1,80 m	7,5 kN/m²	
3300-7409-2015 BT, 3300-7409-2015 Last	nivtec stage, with extension legs heights up to max. 1,40 m	7,5 kN/m²	
	rails and stairways		
3300-7316-2015 BT	stair stringer for stairways with nivtec® system platforms for 3 steps and 4 steps step width 1 to 2 m	7,5 kN/m²	
3300-7316-2015 BT	stair stringer for stairways with nivtec® system platforms for 3 steps and 4 steps show stairways, step width 3 m	5 kN/m²	
3300-7316-2015 Last	stair stringer for stairways with nivtec® system platforms for 3 steps and 4 steps with nivtec® safety rail, height 100 cm step width 1 to 2 m	7,5 kN/m²	1 kN/m
3300-7316-2015 Last	stair stringer for stairways with nivtec® system platforms for 3 steps and 4 steps with nivtec® safety rail, height 100 cm show stairways, step width 3 m	5 kN/m²	1 kN/m

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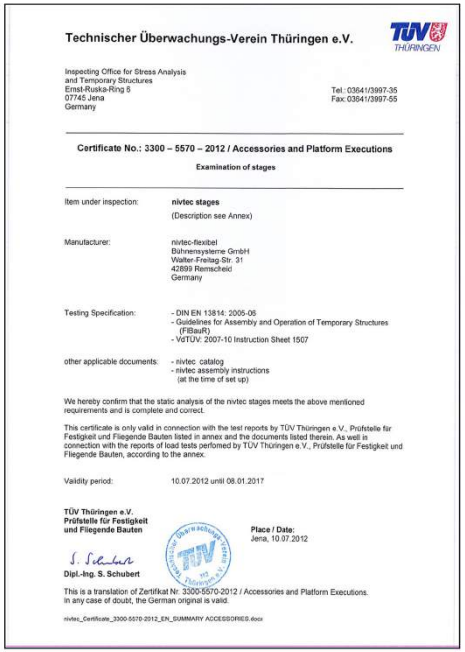
Summary Certificates 2012 – nivtec Accessories and Platform Executions



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Certificate No.: 3300 – 5570 – 2012 / Accessories and Platform Executions

Examination of stages

Item under inspection:	**nivtec stages** (Description see Annex)
Manufacturer:	nivtec-flexibel Bühnensysteme GmbH Walter-Freitag-Str. 31 42899 Remscheid Germany
Testing Specification:	- DIN EN 13814: 2005-06 - Guidelines for Assembly and Operation of Temporary Structures (FIBauR) - VdTÜV: 2007-10 Instruction Sheet 1507
other applicable documents:	- nivtec catalog - nivtec assembly instructions (at the time of set up)

We hereby confirm that the static analysis of the nivtec stages meets the above mentioned requirements and is complete and correct.

This certificate is only valid in connection with the test reports by TÜV Thüringen e.V., Prüfstelle für Festigkeit und Fliegende Bauten listed in annex and the documents listed therein. As well in connection with the reports of load tests performed by TÜV Thüringen e.V., Prüfstelle für Festigkeit und Fliegende Bauten, according to the annex.

Validity period: 10.07.2012 until 08.01.2017

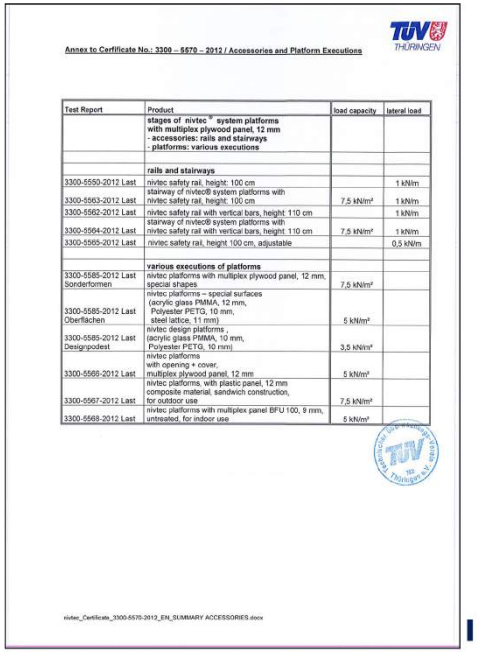
TÜV Thüringen e.V.
Prüfstelle für Festigkeit und Fliegende Bauten

Dipl.-Ing. S. Schubert

Place / Date:
Jena, 10.07.2012

This is a translation of Zertifikat Nr. 3300-5570-2012 / Accessories and Platform Executions.
In case of doubt, the German original is valid.

nivtec_Certificate_3300-5570-2012_EN_SUMMARY ACCESSORIES.docx



Annex to Certificate No.: 3300 – 5570 – 2012 / Accessories and Platform Executions

Test Report	Product	load capacity	lateral load
	stages of nivtec® system platforms with multiplex plywood panel, 12 mm - accessories: rails and stairways - platforms: various executions		
	rails and stairways		
3300-5550-2012 Last	nivtec safety rail, height: 100 cm		1 kN/m
3300-5563-2012 Last	stairway of nivtec® system platforms with nivtec safety rail, height: 100 cm	7,5 kN/m²	1 kN/m
3300-5562-2012 Last	nivtec safety rail with vertical bars, height: 110 cm		1 kN/m
3300-5564-2012 Last	stairway of nivtec® system platforms with nivtec safety rail with vertical bars, height: 110 cm	7,5 kN/m²	1 kN/m
3300-5565-2012 Last	nivtec safety rail, height 100 cm, adjustable		0,5 kN/m
	various executions of platforms		
3300-5585-2012 Last Sonderformen	nivtec platforms with multiplex plywood panel, 12 mm, special shapes	7,5 kN/m²	
3300-5585-2012 Last Oberflächen	nivtec platforms – special surfaces (acrylic glass PMMA, 12 mm, Polyester PETG, 10 mm, steel lattice, 11 mm)	5 kN/m²	
3300-5585-2012 Last Designpodest	nivtec design platforms , (acrylic glass PMMA, 10 mm, Polyester PETG, 10 mm)	3,5 kN/m²	
3300-5568-2012 Last	nivtec platforms with opening + cover, multiplex plywood panel, 12 mm	5 kN/m²	
3300-5567-2012 Last	nivtec platforms, with plastic panel, 12 mm composite material, sandwich construction, for outdoor use	7,5 kN/m²	
3300-5568-2012 Last	nivtec platforms with multiplex panel BFU 100, 9 mm, untreated, for indoor use	5 kN/m²	

nivtec_Certificate_3300-5570-2012_EN_SUMMARY ACCESSORIES.docx