

NOMAWOOD

TECHNOLOGY INSPIRED BY NATURE

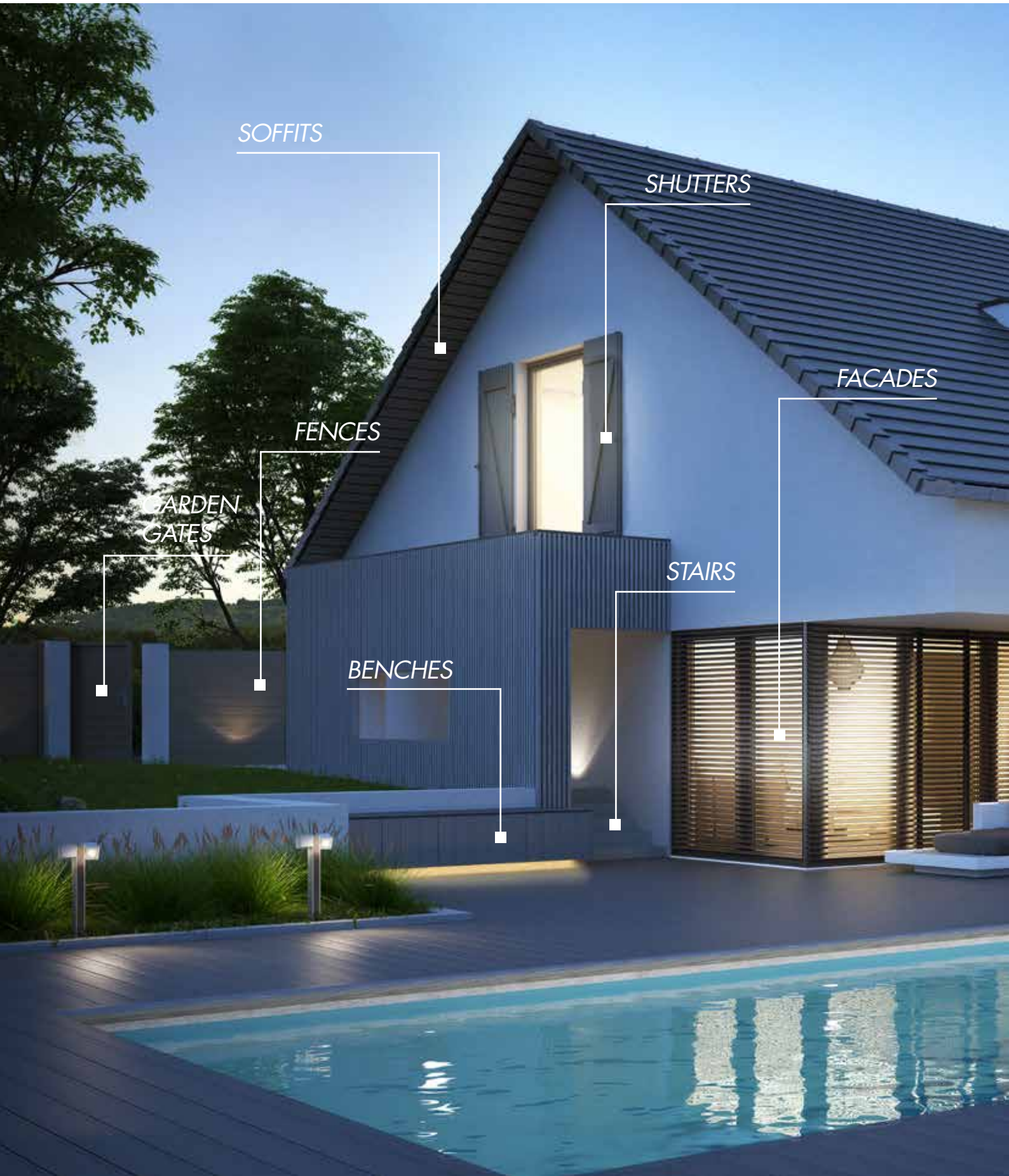


INTERNATIONAL

WWW.NOMAWOOD.COM



NUMEROUS POSSIBILITIES





FACADES

FLOWER BOXES

BLINDS

DECKING

SPA

NOMAWOOD®

TECHNOLOGY INSPIRED BY NATURE

GIVING OUR CHILDREN THE VERY BEST FOR THE SAKE OF A BETTER WORLD

We all know the importance of the choices we make and the impact they can have on our environment, which is why NOMAWOOD® has been developed to improve everyday quality of life, both for us and for the generations to come.

NOMAWOOD® »TECHNOLOGY INSPIRED BY NATURE«

Nature has always fascinated us, and served as a genuine source of inspiration for countless innovations. NOMAWOOD® draws its inspiration from wood, a natural material, and offers unique, uncompromising technical performances.

EVEN THOUGH PERFECTION MAY NOT BE OF THIS WORLD, WE CAN STILL GET CLOSE

NOMAWOOD® has been specially designed for all outdoor applications. It does not absorb water and it offers the perfect solution for all the problems you might have with maintenance, weather resistance, wear and tear, or the growth of bacteria and mould which are unavoidable when you use natural materials or composite products. NOMAWOOD® represents the leading-edge technology, guaranteeing stable colours with no maintenance.

FITTED IN NEXT TO NO TIME

NOMAWOOD® also features a patented fitting system. Designed by our team of engineers, the Easy Slide Clips enable you to fit your NOMAWOOD® terrace quickly, easily and reliably.

Choosing NOMAWOOD® also means choosing a quality product proudly 'made in Belgium'.



4

5



STEPPE

NOMAWOOD®
QUALITY
MADE IN
BELGIUM

WHY NOMAWOOD®

BECAUSE NOMAWOOD® COMBINES GOOD LOOKS,
FUNCTIONALITY AND RELIABILITY

NOMAWOOD® is a sustainable floor covering whose
stable colours mean it requires no maintenance.

NOMAWOOD®'s weather resistance enables you
to enjoy your terrace all year round without wasting
precious time on maintenance.

Children can run and play in complete safety, because
another features that marks NOMAWOOD® out is its
safe, non-slip, splinter-free surface.



6

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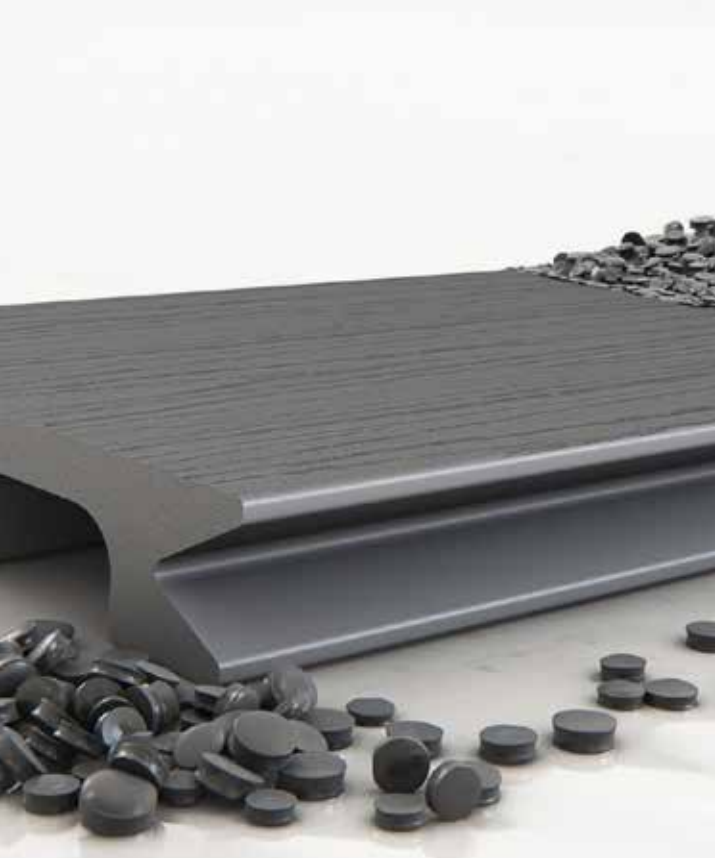
100%

RELIABLE

100%

WATERPROOF





100%

RECYCLABLE

0%

TROPICAL WOOD



EASY TO INSTALL



NUMEROUS
POSSIBILITIES



ANTI-SLIP



ECO FRIENDLY



WEATHER RESISTANT



EASY TO CLEAN



QUALITY PRODUCT
MADE IN BELGIUM



10 YEAR
GUARANTEE



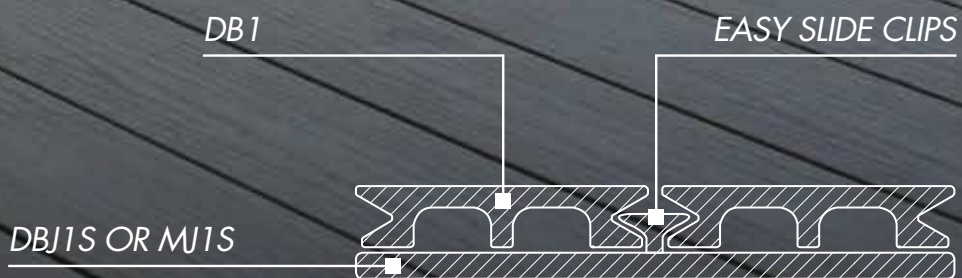
SPLINTER-FREE



NEVER NEEDS
STAINING





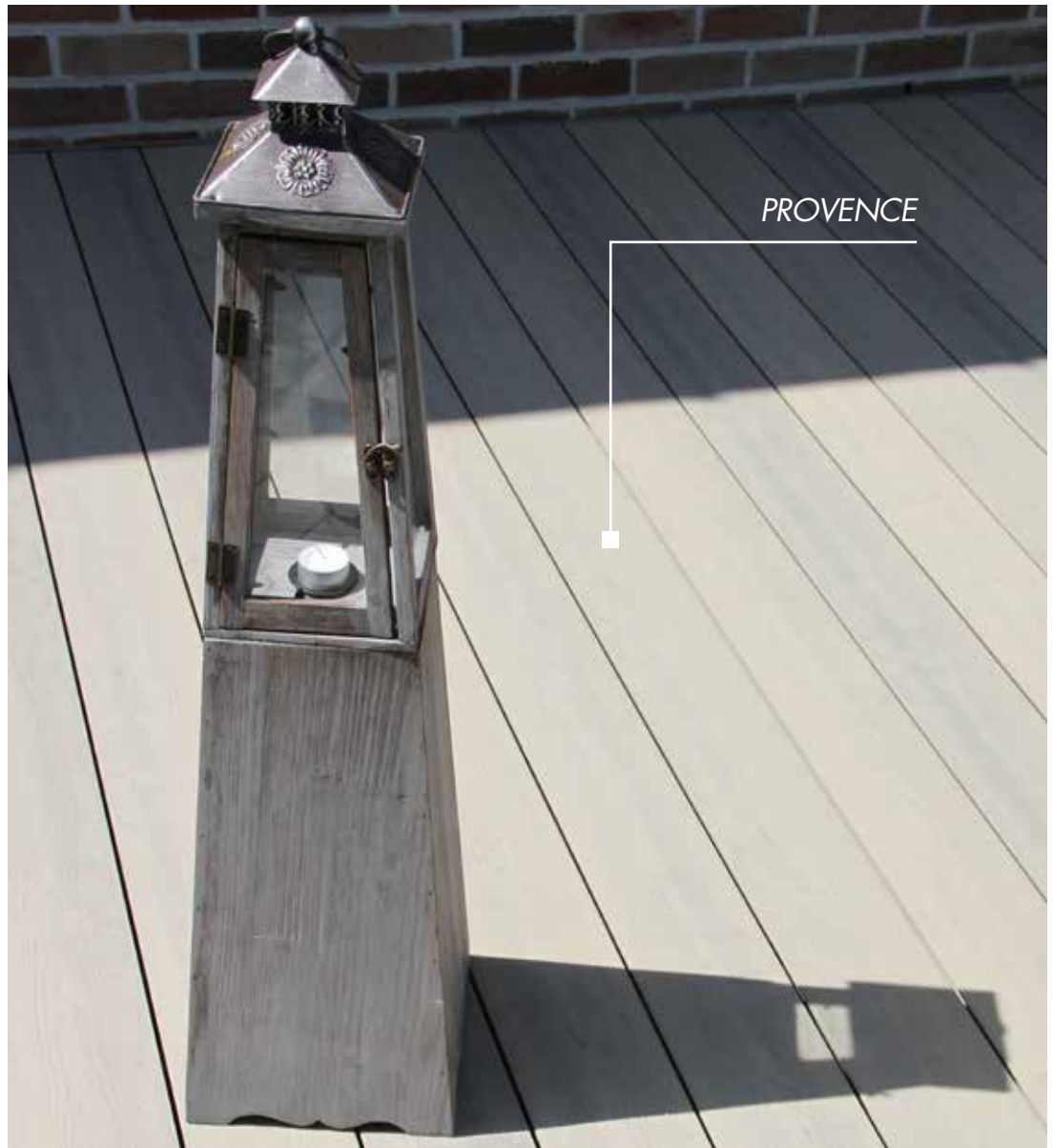


NOMAWOOD® TERRACE

TERRACE NOMAWOOD® SYSTEM

The manufacturing process behind NOMAWOOD® SYSTEM design terraces is based on recycled particles. Choosing NOMAWOOD® SYSTEM means choosing a product which combines good looks, great performance and respect for the environment. The NOMAWOOD® colour palette offers numerous possibilities for designing your outdoor living spaces. Our colours are guaranteed to resist whatever the elements throw at them!

NOMAWOOD® SYSTEM





COLORS

NOMAWOOD® SYSTEM

DB1, DBA1, DBA2



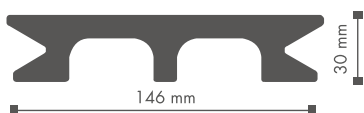
NEW!
 Strong quartz gray
 for a modern
 appearance.
 4m



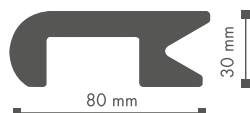
12

13

Colours inspired
 by nature
 for a warm feeling.
 4m



DB1



DBA1



DBA2



Delicate and sunny
olive green
for a smooth
atmosphere.
4m



Modern anthracite for a
designed
and cosy ambience.
4m, 5m, 6m

Decking desired length and surface embossing on request

TERRACE NOMAWOOD® SYSTEM EXCLUSIVE

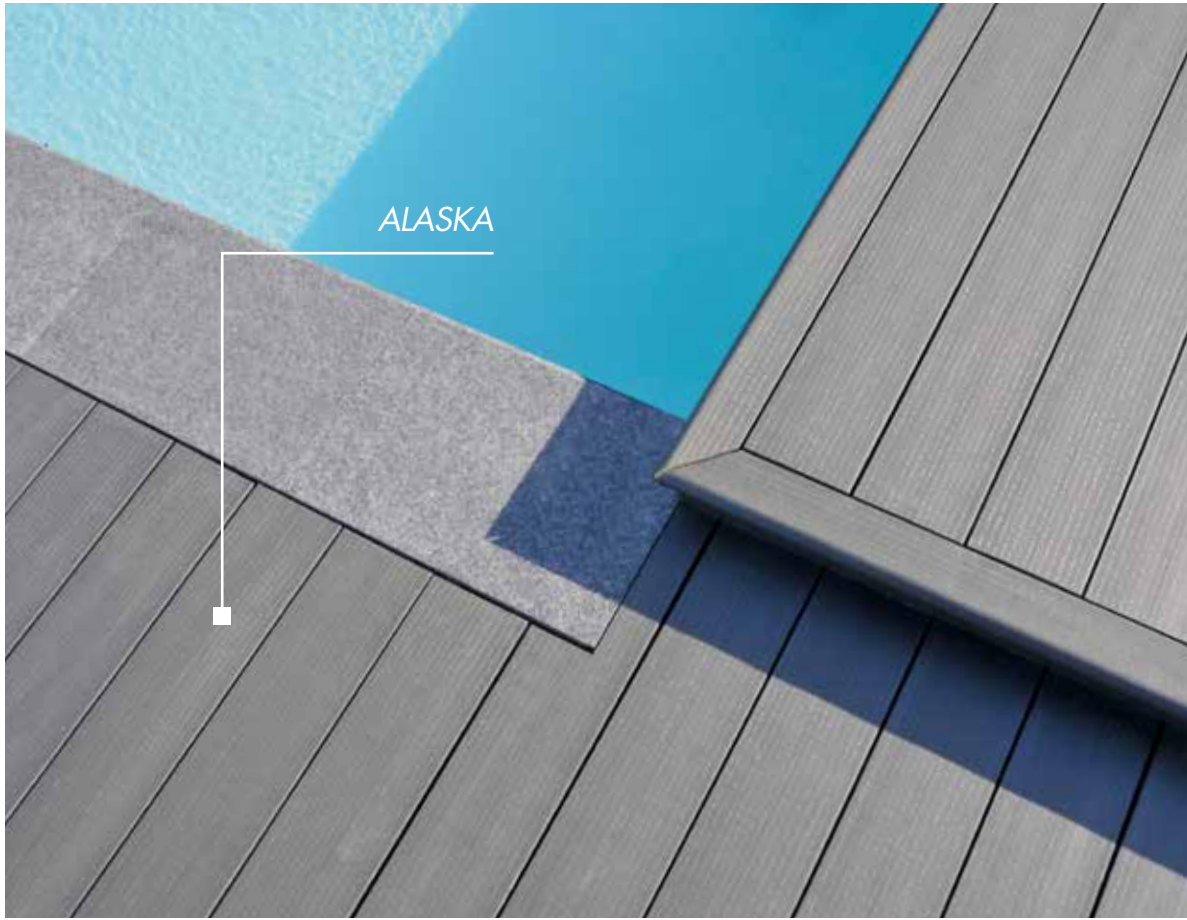
Tough and timeless, NOMAWOOD® SYSTEM EXCLUSIVE terraces offer the elegance and class you are looking for! Our NOMAWOOD® SYSTEM EXCLUSIVE products are solution dyed and come in colours which are unique on the market.

NOMAWOOD® SYSTEM EXCLUSIVE



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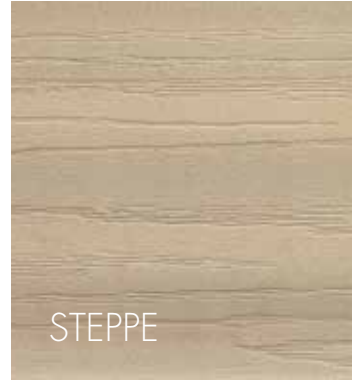


COLORS

NOMAWOOD® SYSTEM EXCLUSIVE

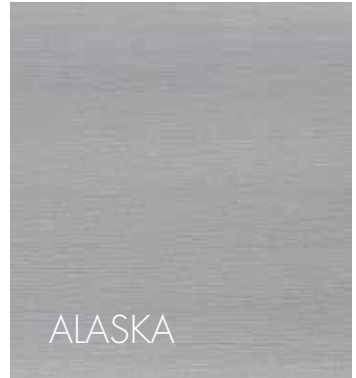
DB1, DBA1, DBA2

Rustic charm of steppe for
a powerful aspect.
4m



STEPPE

Aluminium optic with a dynamic and
modern vibrancy.
4m



ALASKA

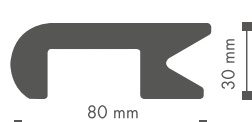
A unique colour gradations with an
exceptional appearance.
4m, 5m, 6m



QUEBEC
EXCLUSIVE



DB1



DBA1



DBA2



QUEBEC





NOMAWOOD®

CJ1

NOMAWOOD®

DBJ1



NOMAWOOD® FACADE

COLORS FACADE CJ1

NOMAWOOD® cladding confers eternal beauty to your facades!
Our products are through-coloured and have an excellent resistance to bad weather.

NOMAWOOD® is also a reliable technical solution for the insulation of your facade, because our products are compatible with different levels of insulation thickness. Easy to install, our claddings give your facade a second life.

Rustic charm of steppe for a powerful aspect.



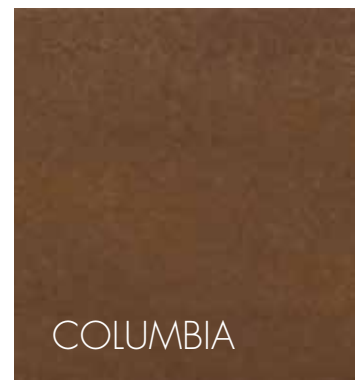
STEPPE

Aluminium optic with a dynamic and modern vibrancy.



ALASKA

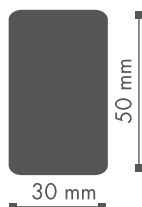
Colours inspired by nature for a warm feeling.



COLUMBIA

20

21









NOMAWOOD®
BAR & PLUG

NOMAWOOD®
BL6



NOMAWOOD® BLINDS

COLORS BLINDS BL6

NOMAWOOD® blinds, with their contemporary lines, are made from a new generation of material which respects the environment and guarantees you easy maintenance. They really are a partner for life!



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NOMAWOOD® GARDEN GATES, SHUTTERS, FENCES,
FLOWER BOXES & BENCHES

NOMAWOOD®

BAR

NOMAWOOD®

BL6

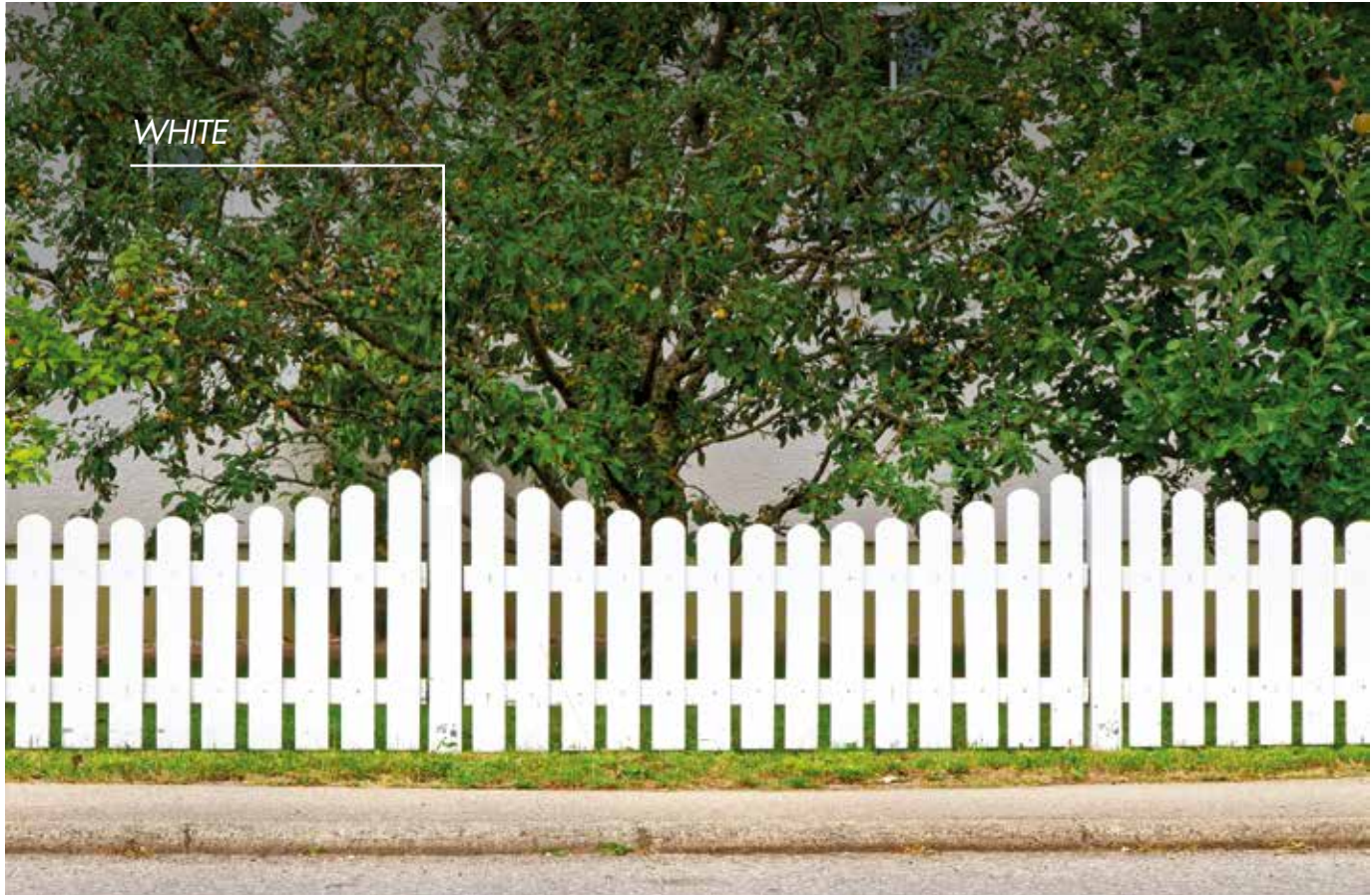


NOMAWOOD® GARDEN GATES & FENCES





GOLDEN OAK



WHITE

30

31

NOMAWOOD® SHUTTERS, FLOWER BOXES & BENCHES



PROVENCE





GOLDEN OAK



ANTILLES GREEN

COLORS GARDEN GATES, FENCES, FLOWER BOXES & BENCHES

	BL1	BL2	BL4	BL6	BL8	BL11	BL12	TGF2
 GREY	■	■	■	■	■			■
 WHITE	■	■	■	■	■	■	■	■
 MONTANA	■	■	■	■	■			■
 BASQUE RED	■	■		■				
 DARK BROWN	■	■		■	■			
32  MEDIUM BROWN	■	■		■	■	■	■	
33  GOLDEN OAK	■	■	■	■	■	■	■	
 RIVIERA BLUE	■	■		■				
 LAVENDER BLUE	■	■		■				
 DARK GREEN	■	■		■	■			
 ANTILLES GREEN	■	■		■				
 COLUMBIA				■				■



H 22 mm
W 90 mm
L 4,6 m

BL1



H 17 mm
W 70 mm
L 4,6 m

BL2



H 22 mm
W 116 mm
L 4,6 m

BL4



H 22 mm
W 100 mm
L 4,6 m

BL6



H 22 mm
W 120 mm
L 4,6 m

BL8



H 22 mm
W 87,5 mm
L 4,6 m

BL11



H 22 mm
W 107,5 mm
L 4,6 m

BL12



H 15 mm
W 92 mm
L 4,6 m

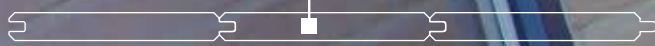
TGF2





NOMAWOOD® SOFFITS & SPA

TGF1



COLORS

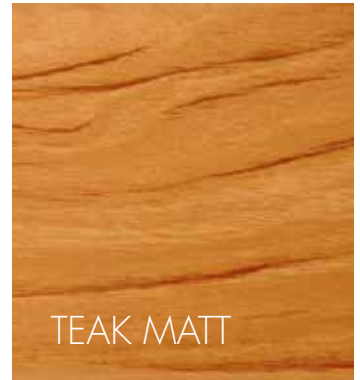
SOFFITS & SPA

TGF8, TGF1, TGA1

36

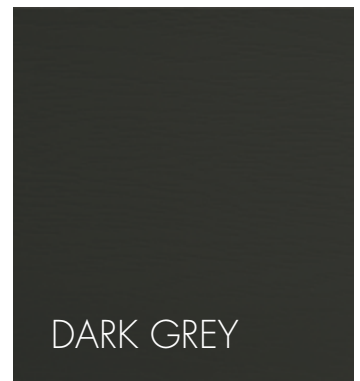
37

Teak matt for a beautiful and natural look.



TEAK MATT

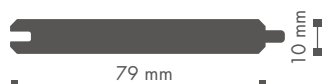
Dark Grey for a fine trendy design.



DARK GREY



TGF8



TGF1



TGA1



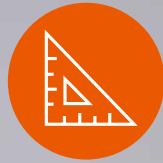
DARK GREY



TEAK MATT



NOMAWOOD®
INSTALLATION



NOMAWOOD® TECHNICAL INFORMATION

NOMAWOOD®

10 YEAR GUARANTEE



The manufacturer NMC guarantees, for a period of 10 years after delivery, the following properties for NOMAWOOD® DB1, DBA1, DBA2, BL1, BL2, BL4, BL6, BL8, TGF2 and CJ1 profiles:

- No affliction by termites
- No rotting as in the case of wood
- No swelling
- No wood splinters and shavings
- No infiltration of moss and algae
- No humidity or water absorption (less than 1%)
- Highest colour fastness thanks to a patented "Super UV" process.

In the event of a claim under guarantee, NMC guarantees 100% material replacement for the entire 10-year guarantee period.

The above list is restrictive and exclusive. The guarantee coverage shall not extend to damage due to incorrect handling, damage of mechanical or chemical nature or negligence. Furthermore, the installation must be correct and correspond to the installation instructions.

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This guarantee shall not cover: damage due to incorrect installation, incorrect storage, scratch marks, slight variations in colour and gloss level. The colour fastness shall be measured according to DIN ISO 4892-2.

A claim under guarantee shall be recognised only if our customer has lodged the complaint within 30 days after appearance, and with the submission of the receipt.

Rejected profiles must be sent for analysis to
NMC , Gert-Noël-Strasse, 4731 Eynatten (Belgium).

If the analyses show that NMC is responsible, the amount of the guarantee shall be limited to the value of the profile. All other complaints such as consequently damages or costs for re-covering or new covering shall be expressly excluded from this guarantee.

QUALITY CHARACTERISTIC NOMAWOOD®



UV ENDURANCE TEST: NOMAWOOD® IN COMPARISON TO OTHER PRODUCTS.

The endurance test after 2000 hours of UV exposure showed an excellent colour fastness of NOMAWOOD® compared to other decking materials.

before

after



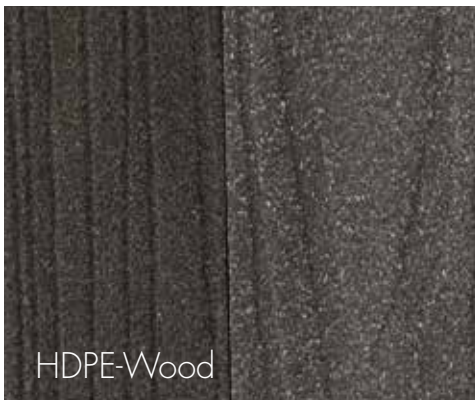
before

after



before

after



before

after



before

after



before

after



QUALITY CHARACTERISTIC NOMAWOOD®



STAIN SENSITIVITY TEST: NOMAWOOD® IN COMPARISON TO OTHER PRODUCTS.

The extraordinary easy care of NOMAWOOD® was positively tested with a stain test of different substances on different periods of time.

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WINE

JAVELLE

GREASE

	PVC-Wood	HDPE-Wood	Hardwood	NOMAWOOD® Montana	NOMAWOOD® Columbia
ORIGINAL					
2 minutes					
2 hours					
2 minutes					
2 hours					
2 minutes					
2 hours					



NOMAWOOD® TIPS FOR THE UPKEEP OF YOUR TERRACE

In general, Nomawood requires very little by way of upkeep compared to other terrace products. However, some stains may appear, particularly on dark, solid colours such as 'Montana'. More 'natural' colours such as 'Quebec' are less susceptible.

Here are a few tips for cleaning them:

With just plain water, soapy water or gentle household cleaning products:

- Use a pressure cleaner with a simple spray attachment at a minimum distance of 30 cm. The pressure must not be higher than 100 bars.
- Use a non-metallic brush for tougher stains.

We strongly advise against the use of scouring powders, aggressive substances and ketones or aromatic solvents such as benzene, acetone, turpentine, petrol, white spirits or other similar products.

Always test on a small area first.

Suntan oil, anti-mosquito sprays, rubber, lit cigarettes and embers can cause irreversible marks. This is not a complete list.


The effects of deep scratches or burn marks can be minimised with hard wax or a paint stick. These are available in all good DIY or paint stores.

NOMAWOOD® TIP FOR CHOOSING YOUR COLOUR

Light colours stop your terrace getting too hot. 'Natural' colours get dirty more slowly than dark, solid colours.

Dark colours are less dazzling than overly light colours.

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICATO ◆ CERTIFICAT


Industrie Service

NOMAWOOD
NMC sa
Gert-Noël-Strasse
4731 Eynatten (België)

Upon issue of certificate no. 17 12 90305 001 and the associated test report no. 2593722, the company is entitled to affix the certification mark shown here to their product described below.



Patio decking
made from 100% plastics
• Warp- and twist-resistant
• Weather and UV-resistant
• Easy-care
www.tuv-sud.com

Product description:

- Patio decking made from 100 % plastics


Models Steppe, Quebec Columbia, Montana, Brasil with planed wood surface texture
Models Alaska, Algarve with brushed wood surface texture
Model Provence with rough wood surface texture

The product satisfies the following requirements:


- Water absorption according to ISO 62
- Linear coefficient of thermal expansion according to internal test method
- Failure load according to EN 310 / freeze-thaw cycles at -40°C / + 60°C
- 1000 hours of UV weathering according to DIN 4892-3
- Determination of anti-slip properties according to DIN 51130
- Performance under exposure to xenon-arc light and moisture to reproduce weathering effects according to DIN 4892-2 A

This certificate is valid to **December 2020**.
Surveillance and monitoring of production will be carried out at annual intervals.

Munich, 21 December 2017


i. A. Schweizer


TUV SUD Industrie Service GmbH
Institute for Plastics



In the event of a product fault with associated replacement of the terrace surface covering, NMC will pay the costs at a flat rate of 40 €/m²

CERTIFICATES NOMAWOOD®



Produkte
Products

Prüfbericht - Nr.: 21149229 001 <i>Test Report No.:</i>		Seite 1 von 2 <i>Page 1 of 2</i>	
Auftraggeber: <i>Client:</i>	NMC s.a. Gert-Noël-Str., 4731 Eynatten, Belgien		
Gegenstand der Prüfung: <i>Test item:</i>	Terrassendielen aus 100% Kunststoff <i>Terrace hallways from 100% synthetic material</i>		
Bezeichnung: <i>Identification:</i>	Terrassendiele in Holzoptik <i>Terrace hallways in wooden optics</i>	Serien-Nr.: <i>Serial No.:</i>	
Wareneingangs-Nr.: <i>Receipt No.:</i>	556-10-0445	Eingangsdatum: <i>Date of receipt:</i>	07.04.2010
Prüfört: <i>Testing location:</i>	TRLP / Prüfstelle für Textilien und PSA Leipzig Maximilianallee 4, 04129 Leipzig, Fon/Fax: +49 341 600 369-0/-10		
Prüfgrundlage: <i>Test specification:</i>	Bestimmung der rutschhemmenden Eigenschaften nach DIN 51130:2004-06 <i>Determination of the anti-slip properties according to DIN 51130:2004-06</i>		
Prüfergebnis: <i>Test Result:</i>	Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>		
Prüflaboratorium: <i>Testing Laboratory:</i>	TRLP / Prüfstelle für Textilien und PSA Leipzig		
geprüft/ tested by:		kontrolliert/ reviewed by:	
13.04.2010	Best (SV/Expert)	13.04.2010	Knappe (LL/Head of test lab Leipzig)
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>
			Name/Stellung <i>Name/Position</i>
			Unterschrift <i>Signature</i>
Bezeichnung <i>Name</i>	Beschreibung des Bodenbelags <i>Description from floor covering</i>	korrigerter Gesamtakzeptanzwinkel[*] <i>Corrected complete acceptance angle[*]</i>	Bewertungsklasse <i>Assessment class</i>
		Ergebnisse <i>Singles results</i>	
		Mittelwerte <i>Average values</i>	
Terrassendiele in Holzoptik <i>Terrace hallway in wooden optics</i>	Grau-grüne Terrassendiele in Holzoptik mit unebener Oberfläche <i>Gray-green Terrace hallway in wood optics with uneven surface</i>	26,6 26,6 26,0 27,1 26,6 27,6	26,1 R 12
Abkürzungen:		Abbreviations:	
P(ass) = entspricht Prüfgrundlage		P(ass) = passed	
F(ail) = entspricht nicht Prüfgrundlage		F(ail) = failed	
N/A = nicht anwendbar		N/A = not applicable	
N/T = nicht getestet		N/T = not tested	
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>			



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DATASHEET

NOMAWOOD®

DB 1

Characteristic	Value	Reference Rule	Note
Nature	100% Polymer		Unique formulation with UV protection
Length	4 m		Special length on request
Width	145 mm		5 mm joint to make 150 mm total use
Thickness	30 mm		With 30 mm for synthetic joist: total system 60 mm With 40 mm for aluminium joist: total system 70 mm
Colours	NOMAWOOD® System Exclusive (coloured in mass): Steppe, Algarve, Alaska NOMAWOOD® System: Steppe, Provence, Quebec, Montana, Columbia		
Weight	11 kg/m ²		
Permissible load	400 kg/m ²		
Slip-Resistance	R12	TÜV	All directions
Density	± 700 kg/m ³		Foamed material
E-Modulus	2 GPa	ISO 178	Deflection between 1 mm and 2 mm
Bending Properties	31,1 MPa	EN 12089 Method B	At break (200mm distance)
Deflection at break	10,3 mm	EN 12089 Method B	At break (200mm distance)
Compression 5%	10,5 MPa	ISO 844	Deformation rate: 1 mm/min
Compression 10%	19,4 MPa	ISO 844	Deformation rate: 1 mm/min
Compression 20%	22,2 MPa	ISO 844	Deformation rate: 1 mm/min
Screw retention	155 N/mm (thick)	ISO 9087	Screw Ø 3,5 mm
Surface hardness	77	Shore D	
Coefficient of linear thermal expansion	0,81 mm/LM/10°C	Internal method	
Temperature resistance	-25° C to +65° C		
Fire Behaviour	Euroclasse E	EN ISO 11925-2	
Water absorption	0,14% Gain weight (w/w)	ISO 62 Method 1 (24h)	
Water absorption	0,00% Swelling after 24h	ISO 62 Method 1 (24h)	

The information is based on our current knowledge of the product and in no way constitutes a guarantee.

INSTALLATION INSTRUCTIONS

NOMAWOOD®

DECKING



MATERIALS REQUIRED

To install your NOMAWOOD® terrace, in addition to the accessories that are supplied with your order, you will need a circular cross-cut saw, a tape measure, a bubble level, a hammer and a cordless screwdriver.



STORAGE AND CONDITIONS FOR PROCESSING

The recommended laying temperature is +10°C to +40°C. For an optimal end result, the processing should take place under temperature conditions similar to those prevailing after the final installation. The planks should be stored at the temperature of the location of the terrace. If the terrace faces the sun, for instance, the planks should be laid in the sun before processing.

CAPTIONS FOR FASTENING DURING INSTALLATION

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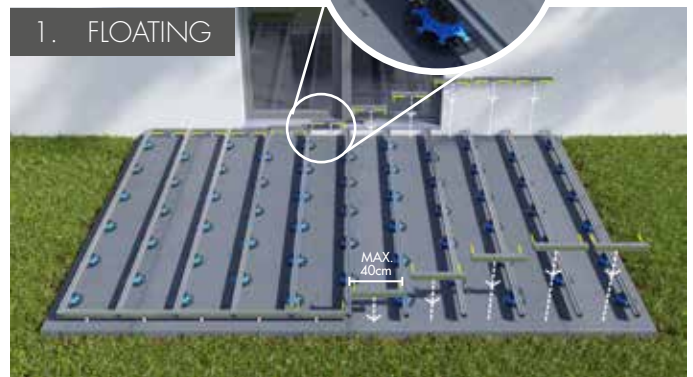
47



INSTALLATION: TERRACE LENGTH IN THE INSTALLATION DIRECTION ≤ 4m

NOMAWOOD® can be installed both by fixing the substructure as well by working with pedestals on a floating substructure (e.g. on a sealed terrace or on a flat roof). In both cases, you must not exceed a distance of **40 cm between two substructure beams** (centre distance).

A. SUBSTRUCTURE

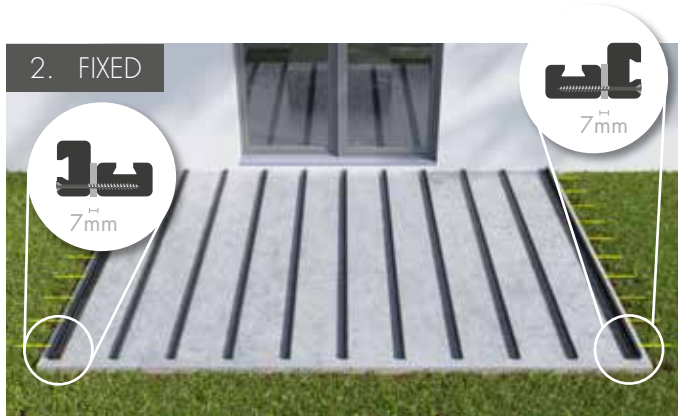


Use the **DBJ1S black plastic substructure beams** only if they are supported on the entire length by a concrete or a sealed screed substructure (min. 250 kg cement/m³). In this case, the supporting beams must be fastened to the concrete or sealed screed **every 70 cm**.

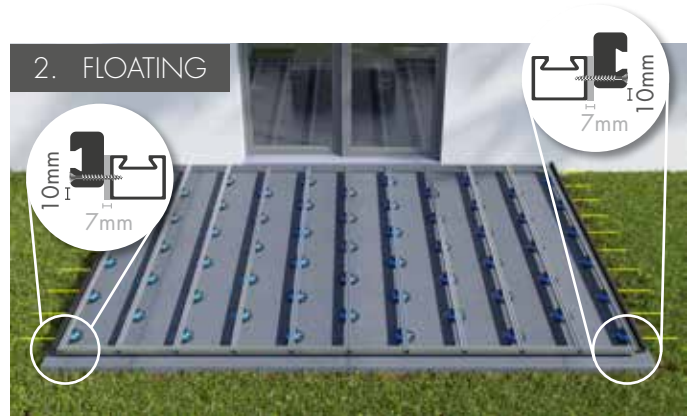
In all other cases, use the **MJ1S aluminium substructure beams**. The substructure should be closed by a chaining of **max. 35 cm** long MJ1S aluminium substructure beams so that the beams cannot slip. These are fixed through **angle MJ1 with screws**. The surrounding aluminum frame MJ1S should always be connected to fixed objects like house walls or curbstones.

B. FIXING THE FRAME PROFILE

If you do not install a frame profile, proceed to Point "C. INSTALLATION OF PLANKS" on the next page.



To fix the side end profile, a **DBJ1S profile** must be **fixed with screws** upright on substructure beams at a **parallel distance of 7 mm**.



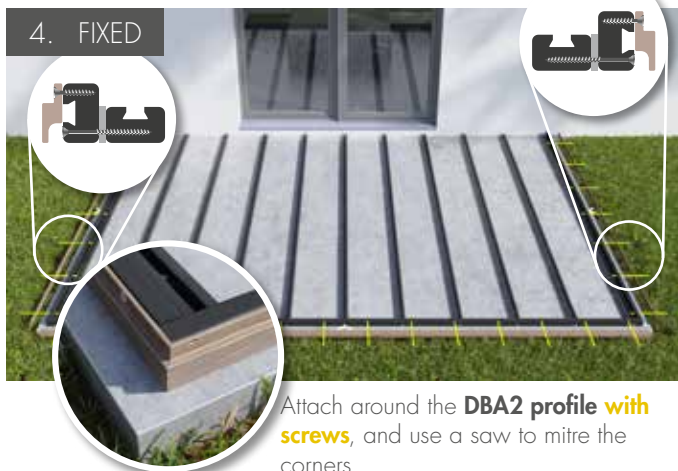
To secure the lateral edging profile, an upended **DBJ1S profile** with **parallel distance of 7 mm** and in addition with a **lower distance of 10 mm** from the substructure bar must be **screwed** on.



On the side parallel to the installation direction of the planks (here: in front), a **DBJS1 profile** must also be fixed **upright with screws**, without distance, directly on the substructure beams.



On the side parallel to the direction of laying of the planks (here: in front) an **upended DBJ1S profile**, without a parallel distance of 10 mm from the substructure, must be **screwed** directly on to the substructure bar.



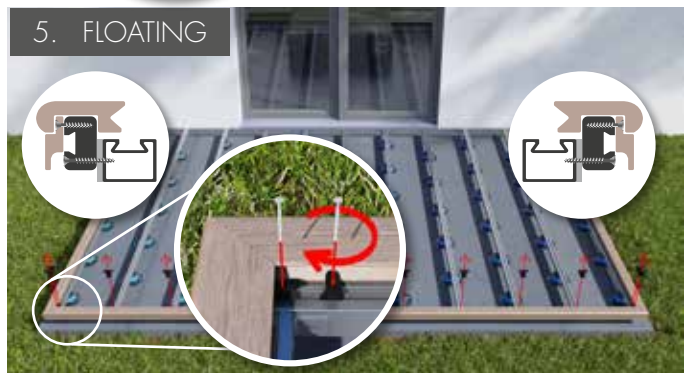
Attach around the **DBA2 profile** **with screws**, and use a saw to mitre the corners.



Attach around the **DBA2 profile** **with screws**, and use a saw to mitre the corners.



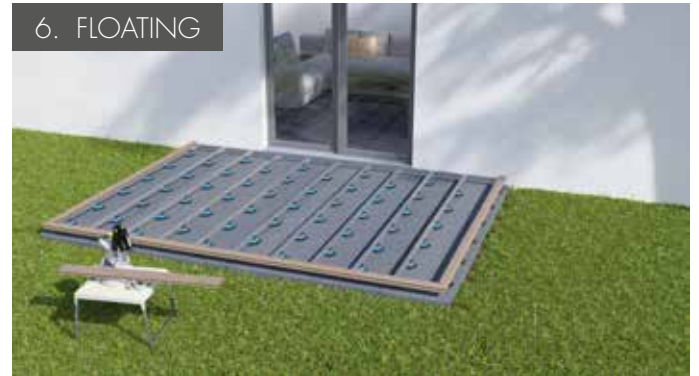
Now saw to mitre the **DBA1 profile**, lay the planks in parallel with the installation direction (here: in front) and fix with **easy slide clips and additional screws** (one screw per clip).



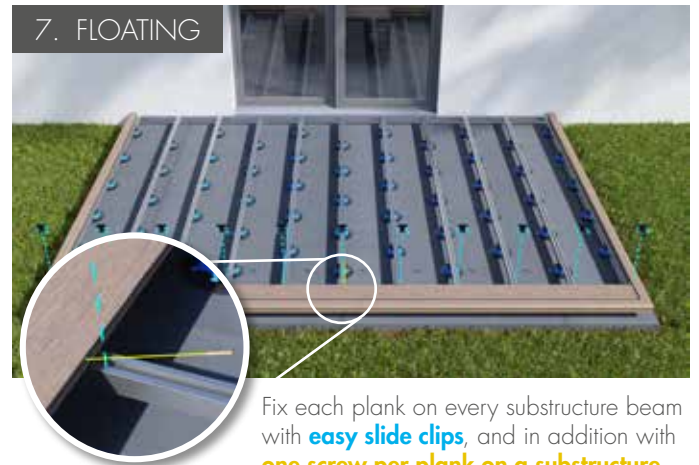
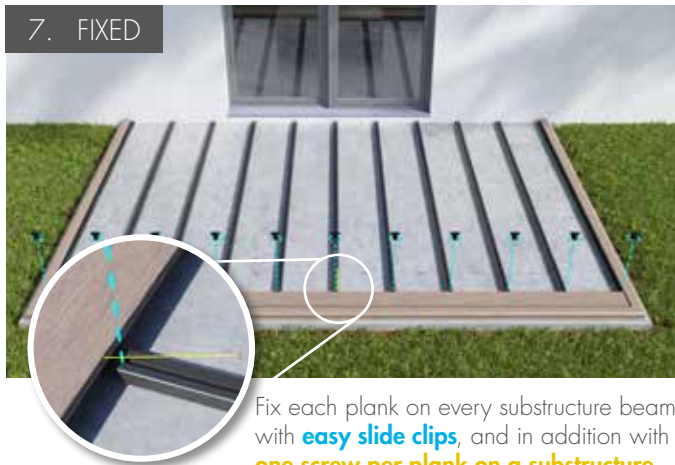
Now saw to mitre the **DBA1 profile**, lay the planks in parallel with the installation direction (here: in front) and fix with **easy slide clips and additional screws** (one screw per clip).

C. INSTALLING THE PLANKS

The lengths of the NOMAWOOD® planks slightly exceed the size indicated. This gives you the opportunity to trim the planks to the exact size on site.



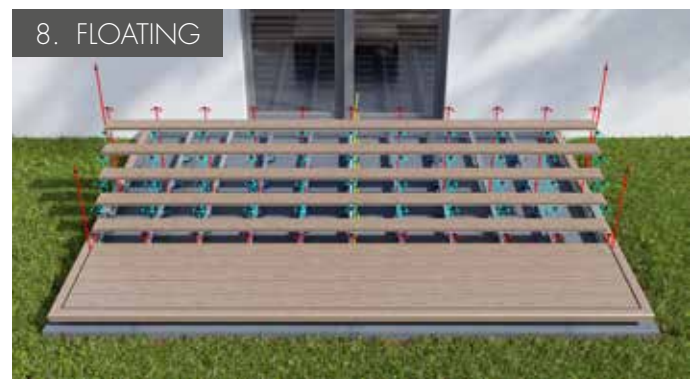
When cutting the planks to size, always lay them with the top side on the saw bench. Make sure to mix the planks when installing as you would do in case of a parquet, so that the tonal range comes into its own. NOMAWOOD® is not 100% single coloured, which naturally underscores the aesthetic appearance.



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Fix each plank on every substructure beam with **easy slide clips**, and in addition with **one screw per plank on a substructure beam**. This screw regulates the alignment of the plank expansion which occurs due to temperature fluctuations (for details, cf. Table D. ADDITIONAL TIPS).

Fix each plank on every substructure beam with **easy slide clips**, and in addition with **one screw per plank on a substructure beam**. This screw regulates the alignment of the plank expansion which occurs due to temperature fluctuations (for details, cf. Table D. ADDITIONAL TIPS).



- Install all other planks by respecting of the following rules:
- Fix every plank **with easy slide clips** and clinch every clip with a hammer in the plank direction
 - Each plank must additionally be **screwed once** to the substructure joist
 - Attach every fifth plank **fully with easy slide clips and additionally with screws** (one screw/clip)

WHEN USING DBA1 FRAME PROFILES:

- Fasten each easy slide clip on the side with an additional screw on every fifth plank (fixing of side frame profiles)

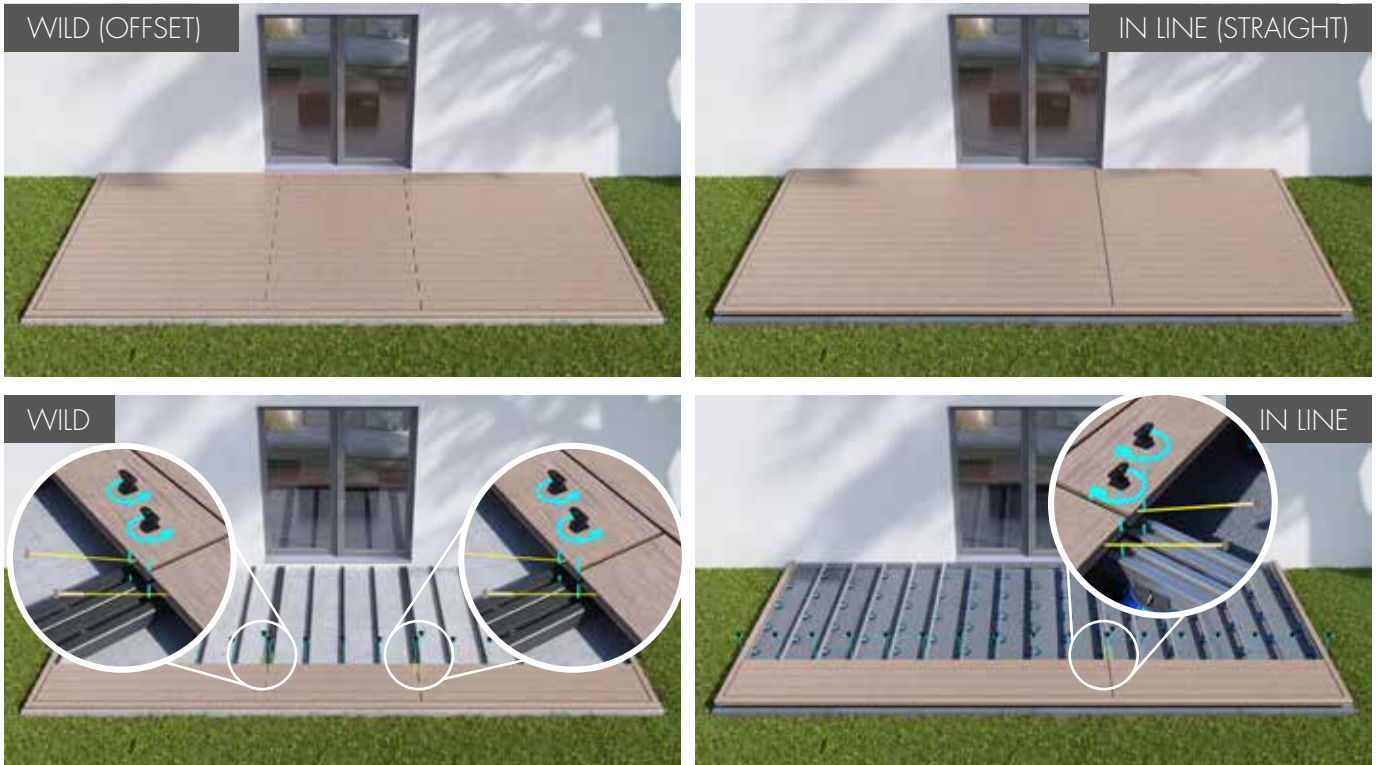
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WHEN USING DBA1 FRAME PROFILES:

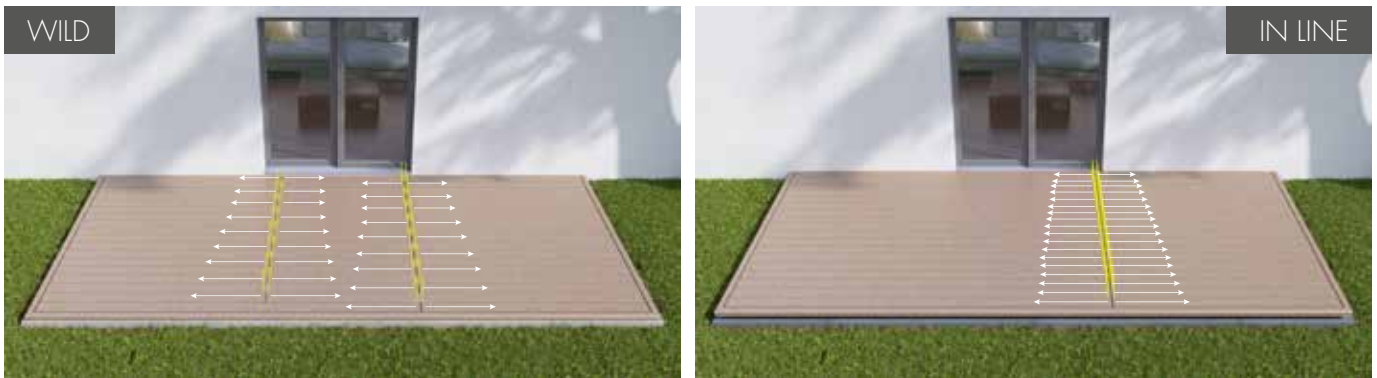
- Fasten each easy slide clip on the side with an additional screw on every fifth plank (fixing of side frame profiles)

INSTALLATION: TERRACE LENGTH IN THE INSTALLATION DIRECTION > 4m

If the length of your terrace in the plank installation direction is greater than 4 metres, you have two different possibilities for installing the planks.



Use **2 substructure beams and 2 easy slide clips for each joint** in each case (offset and straight), for both a fixed as well as a floating substructure.



Fix each plank on each substructure beam with **easy slide clips** and in addition **with 1 screw per plank on a substructure beam**. This screw regulates the alignment of the plank expansion which occurs due to temperature fluctuations (for details, cf. Table D. ADDITIONAL TIPS).

D. ADDITIONAL TIPS

Temperature fluctuations cause the planks to expand or contract $0.08 \text{ mm/m/}^\circ\text{C}$, so this factor must be taken into account during the installation.

The calculation principle for the size of the joints:

- Big length = big joint
- Small length = small joint
- Installation at low temperature = big joint
- Installation at highest temperature = closed joint

Use the NOMAWOOD® spacers for easy installation.

Detailed installation instruction under www.nomawood.com/en/downloads



Expansion tables
(Material temperature)

Temperature of planks	per m
0°C	5 mm
12°C	4 mm
24°C	3 mm
36°C	2 mm
48°C	1 mm

TÜV CERTIFICATES BLINDS NOMAWOOD®

BESCHEINIGUNG ◆ ATTESTATION ◆ 证明书 ◆ СВИДЕТЕЛЬСТВО ◆ CONSTANCIA ◆ ATTESTAZIONE



Industrie Service

Certificate

Nr. IS-AN5-MUC-1711-5010100431-009

**NMC sa
Gert-Noël-Strasse
4731 Eynatten (Belgien)**

Herewith we certify, that the below mentioned Polymer products from the Company mentioned above have been tested and accepted. Details can be found in the report-Nr. 2816080.

The product has been tested following the following Norm:

- 1000 Hours UV-weathering test following DIN EN ISO 4892-3
- Salt spray test following DIN EN ISO 9227
- Water absorption test following DIN EN ISO 62
- Linear thermal Expansion coefficient following internal test method
- Resistance to chlorinated water following internal test method

Product description:

- Polymer profiles: TGF1 golden oak, TGF2 grey, BL8 Riviera blue, BL1 golden oak, BL4 Lavender blue, BL2 medium brown, BL6 white, TGF8 Mahogany, TGA1 Teak, CJ1 Columbia

For Installation as Roof Soffits, Façade profiles and whirlpool surrounds.

This certificate is valid until **December 2020**.
Supervision of Production takes place on a yearly basis.

Munich, November 28th 2017

TÜV SÜD Industrie Service GmbH
Institut für Kunststoffe


i. A. Schweizer



TÜV®

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DATASHEET

NOMAWOOD®

BL1-2-4-6-8-11-12 & TGA1/TGF1-2-8 & CJ1

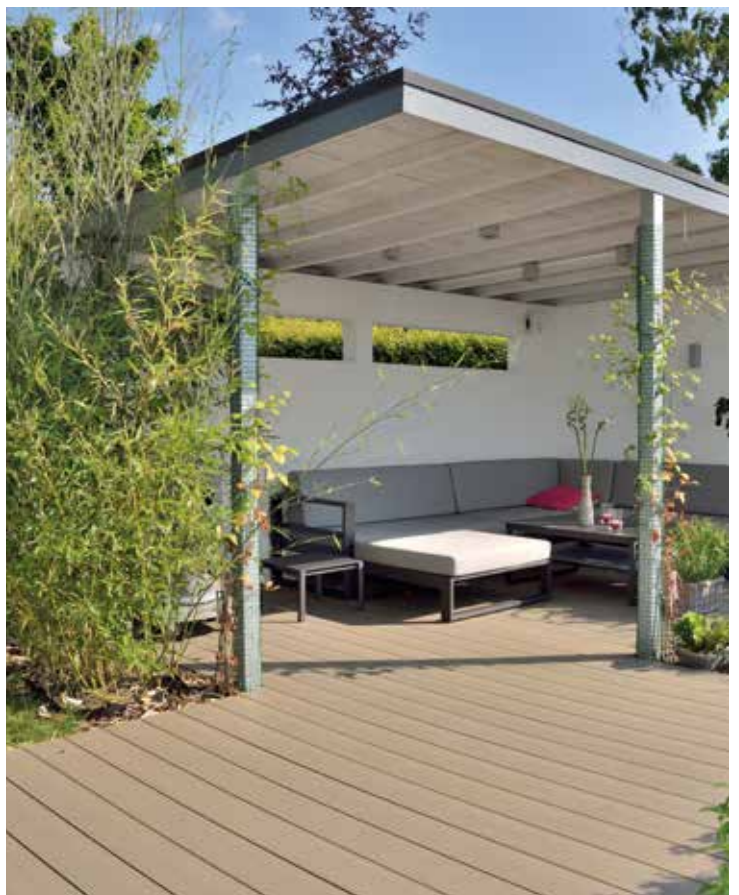
Characteristic	Value	Reference Rule	Note
Nature	100% Polymer		Unique formulation with UV protection
Length	4,6 - 6,0 m		Special length on request
Width	70 - 120 mm		6 models
Thickness	15 - 22 mm		
Colours	Coloured in mass		11-13 colours
Weight	± 11 kg/m ²		
Density	± 500 kg/m ³		Foamed material
E-Modulus	1,05 GPa	Iso 178	Deflection between 1 and 2 mm
Bending Properties	15,7 Mpa	EN 12089 Method B	At break (200 mm distance)
Deflection at break (3 points bending)	5,5 mm	EN 12089 Method B	At break (200 mm distance)
Compression 5%	5,2 Mpa	ISO 844	Deformation rate: 1mm/min
Compression 10%	9,7 Mpa	ISO 844	Deformation rate: 1mm/min
Compression 20%	11,3 Mpa	ISO 844	Deformation rate: 1mm/min
Screw retention	80 N/mm	ISO 9087	Screw ø3,5mm
Surface Hardness	72	Shore D	
Coefficient of linear expansion	0,81 mm/m/10° C	Internal method	
Temperature resistance	-25° C to +65° C		
Fire behaviour	Euroclasse E	EN ISO 11925-2	
Lambda 0° C	0,0580 W/(mK)	ISO 8301	
Lambda 20° C	0,0595 W/(mK)	ISO 8301	
Water absorption	0,14% Gain weight (w/w)	ISO 62 Method 1 (24h)	
Water absorption	0,00% Swelling after 24h	ISO 62 Method 1 (24h)	

The information is based on our current knowledge of the product and in no way constitutes a guarantee.

NUMEROUS POSSIBILITIES

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Article 1 – Field of application

The present general conditions apply to all orders placed with our company, directly or via our representatives, agents, subsidiaries, etc. Any order placed compulsorily and automatically implies the complete and unreserved acceptance of the present general conditions. All conditions departing from them, including the purchaser's conditions of purchase, are thus not able to be invoked against us, irrespective of the time at which they may have been brought to our attention, unless they have expressly been accepted in writing by us. Any exceptional agreement to dispense with any of the present general conditions may not be interpreted by the client as implying a relinquishment by us of the right to avail ourselves subsequently of the said general conditions.

If one or more of the provisions in these general conditions should prove to be null and void, the other provisions would continue to apply.

Article 2 – Orders

Any order addressed to us, whether directly or via our representatives, is binding upon the client. It is not binding upon us until after written confirmation on our part.

Article 3 – Studies, tenders, recommendations and utilisation

1. All our tenders are made without obligation.
2. Failing the acceptance of the tender by the client within one month from the date of its transmission, it shall lapse, in the sense that the client shall no longer be able to avail itself of it without express acceptance on our part.
3. Unless agreed in writing to the contrary, our studies, sketches, opinions, advice or other technical documents as to the practicality, the behaviour or the potential performances of the goods are made on an indicative basis and depending on the most common use of the goods under normal conditions of application, utilisation and climate (temperate regions of Europe) or the use which has been notified to us in writing by the client. Subject to the existence of a misrepresentation or serious fault on our part, such studies, recommendations and other technical documents are not binding upon us. It is for the client to check them and verify their suitability for the use to which it intends to put the goods.
4. Where goods ordered are to be integrated directly or indirectly with and/or after processing in safety applications and/or in sensitive sectors such as, for example, the motor industry or aviation, etc., the client undertakes to notify us of this expressly and in writing before any definitive tender on our part. If this were not the case, we should refuse any responsibility regarding our intervention for direct and/or indirect damage potentially arising from this particular utilisation. Later written information is assimilated to a failure to provide information from our side, and the utilisation of the goods shall thus be at the client's own risk.

Article 4 – Delivery, storage and despatch

1. Unless otherwise stipulated, the supplier selects the packaging and the method of despatch at its convenience. If the purchaser wishes for a particular packaging, the latter will be invoiced to it separately.
2. If delivery deadlines are given, these start from the time the receipt is drawn up and at the latest when the client has completed all the measures required in order to be able to start the performance of the order. The delivery deadlines are deemed to be complied with if, by the time they expire, the pieces have left the company or if the purchaser has been notified that they are ready for despatch.
3. Our company is authorised to make and invoice partial deliveries. Disparities of $\pm 10\%$ compared to the orders are permitted. The costs of emergency supply will be invoiced to the client.
4. In the event of 'force majeure' or accident or delay which could not have been foreseen in the deliveries, or defective delivery by our suppliers or subcontractors, we reserve the possibility of cancelling or suspending, partly or entirely, the performance of our commitments without compensation. In that case, we would notify our client directly. VWar, mobilisation, blockade, partial or total strikes, lock-out, riot, epidemic, breakage of machinery, fire, explosion, insufficient supply of raw materials, energy or specialist labour, interruption or delay to transport, computer problems or other major incidents occurring either at our premises, or at those of our suppliers or subcontractors, preventing or hampering manufacturing, work or despatch are conventionally considered as cases of 'force majeure'.
5. Compliance with the delivery deadlines implies that the purchaser itself complies with all its contractual obligations.
6. Our goods are always delivered and accepted ex-factory or store. The goods always travel at the risk of the client once they leave our factories or stores. The same applies whether the means of transport belongs to us or whether the supply is made carriage-free. In the event of a delay in the departure or in the event of the failure to depart of the ship, wagon or lorry planned, we are authorised to take, automatically, on behalf of the client, any measure necessary for the safeguarding of the goods which remain exclusively at the client's risk. The costs of custody, trucking, covering, storage, or other costs which may result are exclusively charged to the client, without any possibility of this intervention by way of good offices ever giving rise to any liability on our part.
7. Should the client not collect the goods after the expiry of the delivery deadline or should the despatch thereof be delayed at its request or through its fault, the goods will be warehoused at its disposal, at its expense and at its risk. The goods will be invoiced to it in full.
8. Should the client make materials available, the latter shall be delivered at its own expense and risk.
9. In the event of the partial or total severing of the commercial relations with a client for which a stock is held by the supplier, the stock of goods concerned by the severance shall be taken over in one batch by the client within 15 days from the time it is made available. It shall be immediately invoiced to it in a single transaction.

Article 5 – Drafts, moulds, tooling, matrices and devices

1. Save where a particular written agreement has been reached, all tooling, matrices, moulds, models, assembly documents, drawings, etc designed and manufactured by ourselves and/or our suppliers and subcontractors shall remain our exclusive property irrespective of the partial or total participation of the client in their financing. The information above may not be used other than by the client, and then only for the purposes of the performance of the contract that it has entered into with us. It may not be forwarded to third parties except with our express written authorisation. Otherwise, we reserve the right to claim compensation for all the damage suffered as a result of the unauthorised utilisation and/or divulging of the said information.
2. Should the client make available to us drafts, drawings, models, etc, it will be required to guarantee the information above against any claim by a third party. The client is required to inform us immediately of the existence of any such claim. In the event of a claim by a third party, we reserve the right either to suspend the performance of all our obligations vis-à-vis our client until the dispute is resolved between the latter and our client, or else to consider the contract entered into with our client as being partly or entirely terminated through the fault of our client. Our decision will be communicated to it in writing.

Article 6 – Guarantee

Should events occur which are likely to influence the solvency of the client (restructuring, change in share ownership, etc) in the course of the performance of the contract, we reserve the right, even after the partial performance of a contract, to demand from the client a supplementary guarantee for the good performance of its commitments. Refusal to satisfy this condition gives us the right to cancel the whole of the contract or, as appropriate, the part of the latter remaining to be performed, and in any case to directly suspend any despatch without prior notice.

Article 7 – Retention of ownership

1. We reserve the right of ownership over the goods delivered until the complete payment of all the debts that the client has towards us, in whatever connection, including debts not due or future debts.
2. Until the complete performance of the contractual obligations of our client, we reserve the right to exercise a right of retention over any goods not yet delivered to the latter and/or over goods which the client might have provided to us for the performance of work.

Article 8 – Conditions and default of payment

1. Conditions: All our bills are payable at 30 days from bill date, into our account, unless otherwise agreed in writing between the parties.
2. Default: Default of payment, even partial, of a bill or a commercial paper on its due date shall have the following consequences:
 - a) all the other claims not settled, due or not due, including letters of exchange that have not become due, shall become due immediately;
 - b) all reductions and payment facilities granted by us shall become null and void;
 - c) all amounts due shall attract interest, automatically and without notice, at an annual rate of the legal interest rate plus 2% and shall be increased by 15% in respect of the amount less than or equal to €2,480 and 10% in respect of the part over €2,480 with a minimum of €50 by way of a flat-rate and irreducible penalty for our extrajudicial collection costs;
 - d) we shall be entitled, without prior notice, or judicial intervention, to consider the current contract/s as being partly or completely terminated through the fault of the client, or to partly or completely suspend the performance thereof.

Article 9 – Liability in terms of intellectual property rights

We assume no liability in the event that the work which we have performed in line with the specifications submitted by the client would, by virtue of its characteristics, practicality or potentialities, infringe any intellectual, commercial or industrial property right of a third party. We also accept no liability in the event that the use made by the client of the goods supplied, alone or in combination with other elements, would infringe such a right.

The client must guarantee us completely for any potential action by third parties in this connection, and hold us completely harmless for any sentence, costs and other damaging consequences, direct or indirect, which we might incur following such actions.

Article 10 – Complaints

1. The client must provide us with the article number/s, together with the NMC order confirmation number/s and/or the number/s of the box/es forming the basis for our whole internal tracking system. Otherwise, we reserve the right to refuse any complaint.
2. The client alone is responsible for the assembly of the goods, even if it received advice during the development, unless we have given it a corresponding written guarantee.
3. All complaints relating to errors, deficiencies, non-conformities, visible damage or visible defects must reach us in writing at the latest within 8 days following the delivery. Moreover, the errors, deficiencies, non-conformities, damage and defects able to be noted on receipt of the goods must be mentioned directly on the carrier's delivery dockets. In the latter case, in the absence of any comments on the delivery docket, we shall be unable to accept the complaint.
4. Complaints relating to latent defects must be communicated to us in writing at the latest within 8 days following the discovery of the defect, and at the latest before the expiry of 3 months from the delivery, after which they will be forfeited.
5. We cover potential design defects only if our services have expressly accepted in writing that we would be in charge of the design. The final release of the samples and/or the goods is the client's responsibility.
6. In any event, the client's right to take legal action by virtue of defects in the goods lapses within six months from any claim which conforms.
7. No complaint, justified or otherwise, shall entitle the client to retain a partial or total payment on pain of the application of Article 8.
8. Should a complaint prove to be admissible and justified, our obligations shall be limited:
 - a) in the case of errors or non-conformities: to the replacement of the goods supplied by error or not conforming;
 - b) in the case of missing goods: to the delivery of the latter;
 - c) in the event of damage or defects imputable to us: at our discretion, either to the repair or to the replacement of the damaged or defective goods in the state of finish provided in the contract, this being to the exclusion of any other compensation for any reason whatever. Under no circumstances do we cover non-material damage and/or any kind of financial losses, whether direct or indirect. The performance of our obligations as enumerated above is dependent upon the return by the client of the goods delivered in error, not conforming, damaged or defective. Replacement/compensation by us will be limited in proportion to the return.
9. In the cases and conditions mentioned above, we intervene in respect of the costs incurred by the client solely if there has been a prior written agreement on our part on this point.
10. A client making improper use of the goods without regard, for example, to the conventional rules during assembly, or to the technical instructions, etc would lose all its rights regarding our intervention.

Article 11 – Termination of the contract

If the client fails to abide by one or more of its obligations, if it is declared bankrupt, if it applies for judicial or amicable settlement or the deferral of payment, if it is placed in liquidation, or if its assets are partially or totally seized, we reserve the right to consider any contract, whether or not it may have been partly performed, as automatically terminated through the client's fault, by the simple despatch of a registered letter. We will then be entitled to demand the return of the goods already delivered but not yet paid for, in line with the clause relating to retention of ownership. If we were to make use of the right of termination conferred by the present general conditions and in the case of the termination or judicial termination through the client's fault, the latter would owe us a flat-rate and irreducible penalty equal to 30% of the amount of the part of the order not yet performed, subject to our establishing a higher level of prejudice.

Article 12 – Place of performance, applicable law and competent court

1. The place of performance of the contract is the place of our registered offices.
2. The contractual relations with the client are subject to Belgian law.
3. The competent court is that of the place of our registered offices (the court of Verviers or of Eupen at our discretion).



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3015478 • 02-2019 © NMC sa, 2019
Resp. Publisher.: NMC sa – Gert-Noël-Str. – B-4731 Eynatten