

NOOD COMPOSITE GARDEN RANGE



WHAT IS DUOFUSE® WOOD COMPOSITE

Duofuse® wood composite is a mix of wood flour and PVC. Mixing wood flour and PVC gives rise to an extremely strong combination, which reinforces the advantages of both materials while removing their disadvantages.

This durable material is ecological and maintenance friendly. It is available in a traditional wood colour and in modern shades of grey. The extensive garden range includes decking in various sizes, colours and designs to give your patio a nice view and good comfort.

To separate your garden or patio, you can choose from different screens that are all modular and can be combined with each other. The tongue and groove system gives your garden a sleek, smooth look. The slat wall system, however, is a more modern fence with pleasing lines. The ranch fencing allows you to be enclosed and yet keep an open feeling. The privacy slats are the aesthetic solution to enjoy your garden in complete privacy.

All items can be combined perfectly, as they are produced from the same raw materials and colours.





• SLIP RESISTANT, BRUSHED SURFACE For maximum comfort and a natural look

It does not require treatment with oil, solvents or cleaning products.

LOOK After several days, the product will begin to fade slightly. This is a temporary and a natural process due to the leaking of the lignin. Afterwards the original colour will return.

Wood composite is a durable and ecological alternative to hardwood. It is made of a mix of wood flour and PVC. Therefore it contributes to the protection and conservation of the tropical rain forests. The estimated life span exceeds that of conventional wood and afterwards is fully recyclable.

ADVANTAGES OF WOOD COMPOSITE

• WILL NOT ROT, SWELL, SPLINTER OR SPLIT

• EASY TO CLEAN AND TO INSTALL

• MINIMAL DISCOLOURATION, MAINTAINS ORIGINAL

• ECOLOGICAL AND RECYCLABLE









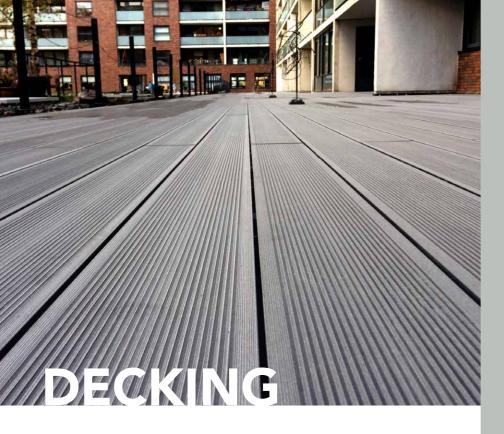
PEFC CERTIFIED

In Belgium, Plastivan is recognised as a PEFC-certified company. Our concern for the environment and the development of sustainable products has ensured that from today we are in a position to present this certificate. Duofuse wood composite consists of 50% wood flour. This wood comes from sustainably managed forests.

The wood flour is mixed with PVC in our own granulation plant to form WPC granules. These are then used in the production of wood composite decking boards and fencing. This production is fully integrated from raw material to finished product. Thanks to this investment, Plastivan now has full control over the entire production process.







VERSIONS

• 4 DIFFERENT FINISHES: refined finish, wood grain finish, brushed and robust finish Or different finishing on either side.



DFD162 162x28x4000mm



DFDE162 162x28x4000mm



DFDS162 162x28x4000mm



DFD140 140x23x4000mm

ADVANTAGES

• DOES NOT ROT, SWELL, SPLINTER OR SPLIT If installed correctly, you will enjoy your decking for years and walk and play barefoot on the decking in safety.

• SLIP RESISTANT, BRUSHED SURFACE Thanks to the brushed surface, the decking is far less slippery than a wooden decking.

• INVISIBLE FIXING

No screws or nails that distort the view or hurt you. Thanks to the specially designed clips, boards are fastened to the wood composite beams.

• DIFFERENT HEIGHTS POSSIBLE

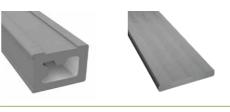
The Duofuse[®] beam can be installed in 2 ways, so that decking can be placed at 35mm or 48.5mm from the ground.

COLOURS





PARTS

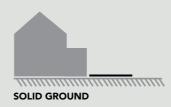


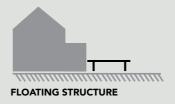


DFB048 Beam PVC 48.5 x 35mm

DFS076 Skirt wood flour & PVC 76 x 10mm DFLA076 Alu L profile anodised aluminium 76 x 37mm

APPLICATIONS











ROOF TERRACE



DFC001 Standard clip

FA

DFC002 Butting clip

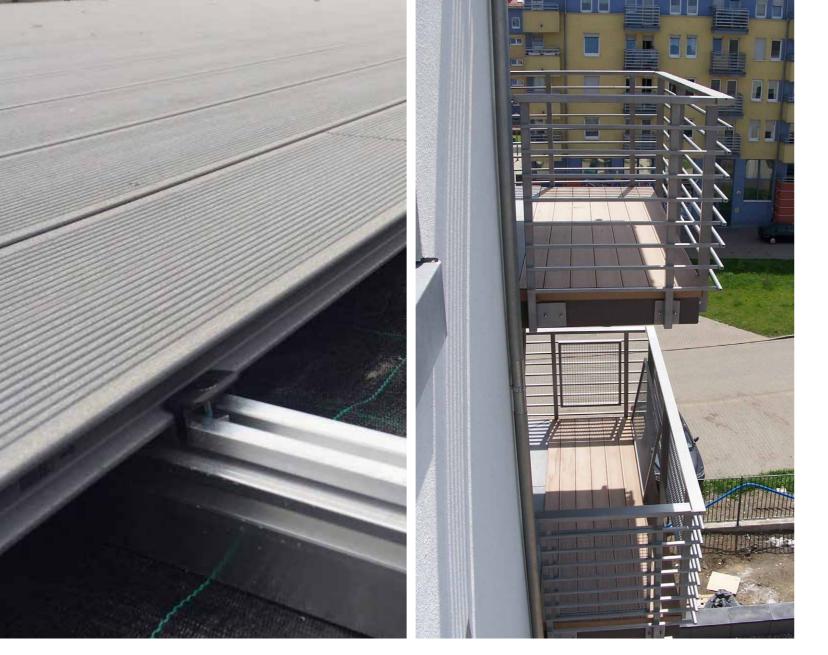
R.A.



Starter and finishing

DFC004

clip



ALUMINIUM SUBSTRUCTURE

An easy, durable and strong system

The aluminium substructure guarantees an easy and fast assembly of the Duofuse® composite decking boards. Furthermore, the Duofuse® aluminium substructure is also suitable for other types of decking boards with grooves of minimum 35mm height and 8mm depth.

GUARANTEED TIME SAVING ON THE ASSEMBLY

With the Duofuse® aluminium substructure you will save at least 50% on installation time compared to traditional screwed systems.

IDEAL FOR FLOATING STRUCTURES

This system is particularly suitable for applications by which the substructure must be installed floating.

The Duofuse® aluminium substructure is the ideal solution for people who want an efficient, durable and price conscious installation.

PARTS

The system consists of a recycled aluminium beam (40 x 40mm wxh), and a synthetic clip with adaptable height with starter and finishinclip plus additional accessories.







DFBA040 Aluminium beam Heiaht 40mm Width 40mm Length 4m00

DFC006

Starter and finishing clip Stainless steel



composite beams, since it is not a structural element.

DFP-35 35mm



DFMC

corner



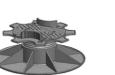
DFR90X90 Rubber protection tile Height 8mm Width 90mm Length 90mm

ADJUSTABLE PEDESTALS POLYPROPYLENE

For higher placements or placement on roof terraces you can use When using these pedestals, however, you cannot use wood polypropylene pedestals that allow heights of more than 200mm.



DFP30/50-75 Pedestal in polypropylene Height 30-50mm Width 75mm



DFP50/90-75

polypropylene

Width 75mm

Height 50-90mm

Pedestal in

DFP90/130-75 Pedestal in



polypropylene Height 90-130mm Width 75mm



DFP110/150-75 Pedestal in polypropylene Height 110-150mm Width 75mm



DFP150/190-75 Pedestal in polypropylene Height 150-190mm Width 75mm



Extension pedestal

Multifunctional (bolt and nut incl.)



DFC005 Synthetic clip (stainless steel screw incl.)



ADVANTAGES

- · Faster assembly
- Straight beams
- Light weight
- Dimensionally stable
- Weatherproof
- Easy installation
- 100% recyclable
- Pre-drilling not necessary
- Invisible fixing
- Local disassembly possible





TONGUE&GROOVE BOARDS SYSTEM

PARTS



DF1B150 Tongue and Groove Board 15 x 2.7 x 180/200cm (reinforced with steel)



DF1C09 Cover Cap Design 9 x 9 x 1.7cm (to avoid water infiltration in the post)



DF1P90

DF1U27

Small U-profile

2.7 x 3.5 x 182/202cm

(fitting system for the

boards and to use as

finishing profile above

9 x 9 x 270/300cm

(reinforced with an

aluminium core)

Post

DFPH60 DF1G2-1.00 Internal post holder Garden gate tube 6 x 6 x 60cm 100 x 2.7 x 180cm on plate 15 x 15cm 100 x 2.7 x 200cm (optional - only needed (including door when fixing the posts hardware) on a terrace, concrete floor or wall)



DF1C11 Cover Cap Classic 11 x 11 x 1.7cm (to avoid water infiltration in the post)



DF1U42 Large U-profile 4.2 x 3.5 x 182cm (optional - only needed if a concrete gravel board is used at the base)



DF1PG2-90 Gate post 9 x 9 x 300cm (optional - in combination with the Duofuse gate)

ADVANTAGES

• STRONGER AND MORE DURABLE THAN **WOODEN FENCES**

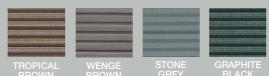
• VERSATILE AND MODULAR

Heights between 15cm and 195cm are possible. By using the corresponding U-profiles, the boards can be attached to the post in 4 directions. Standard width of the boards is 180/200cm but boards can be cut to length.

• APPLICATIONS

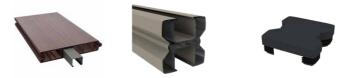
Can be used for garden fences, raised beds, building material for sheds, carports, cabins, storeroom, gates,...

COLOURS





PARTS ALUMINIUM POSTS



DF1B150 Tongue and groove board 15 x 2,7 x 180/200 cm (reinforced with steel)

DF1PA82 Aluminium post 8,2 x 8,2 x 300 cm GB (lacquer ral 7021) SG (lacquer ral 7030)

DF1CA8.2 Cover cap aluminium post 8,2 x 8,2 x 2,8 cm (synthetic)









DF1PA41 Aluminium post hingeable 8,2 x 8,2 x 300 cm GB (lacquer ral 7021) SG (lacquer ral 7030)

DF1CA4.1 Cover cap aluminium post hingeable 8,2 x 9 x 2,8 cm (synthetic)

DF1UA28 Aluminium U-profile 2,8 x 3,5 x 180/200 cm GB (lacquer ral 7021) SG (lacquer ral 7030)

(11)



GATE

Fully assembled with matching hardware :

- Integrated cylinder lock
- Gate catcher in stainless steel
- Hinges in stainless steel .
- . Handle in stainless steel
- . Inserts for hinges
- Easy left or right changing

OPTIONAL: DECOPANEL



1 kit includes

additional groove profile - 1x 2m (bottom finis additional groove profile - 1x 0.60m (side finis



TROPICAL	WENGE	STONE	GRAPHITE
BROWN	BROWN	GREY	BLACK

PARTS



DF1PG2-90 Composite gate post (wood flour & PVC) reinforced with steel profile Height 3m Width 90mm



DF1C11 Composite Cover cap CLASSIC

Length 110mm

Width 110mm

DF1C09 Composite Cover cap DESIGN (wood flour & PVC) (wood flour & PVC) Length 90mm Width 90mm



DF1PAG2-82 Aluminium gate post Height 3m Width 82mm GB (lacquer ral 7021) SG (lacquer ral 7030)



DF1CAG2-8.2 Cover cap aluminium gate post (synthetic) Length 148mm Width 82mm









DF1PT Kit design transparent PMMA 30 x 0.6 x 200cm ΤB WB GB SG

DF1PO Kit design matt PMMA 30 x 0.6 x 200cm TB WB GB SG

sh)	rubber profile - 2x 2m	Installation guide
ish)	rubber profile - 1x 0.60m	
ish)	1 deco panel	





PARTS



DF4B200 Board 20 x 4 x 200cm (reinforced with steel)



DF1C09 Cover cap Design 9 x 9 x 1.7cm (to avoid water infiltration in the post)



DFPH60 Internal post holder tube 6 x 6 x 60cm on plate 15 x 15cm (optional - only needed when fixing the posts on a terrace, conrete floor or wall)



Post 9 x 9 x 270/300cm (reinforced with an aluminium core)

DF1P90

DF4U40

svstem

4 x 5.5 x 202cm

DF1G2-1.00

Garden gate

100 x 2.7 x 180cm

100 x 2.7 x 200cm

(including door

hardware)



DF1C11 Cover cap Classic

11 x 11 x 1.7cm

(to avoid water

DF1U42 U-profile for slat wall Large U-profile 4.2 x 3.5 x 182cm (optional - only (fitting system for the needed if a concrete boards and to use as gravel board is used finishing profile above at the base)



DF1PG2-90 Gate post 9 x 9 x 300cm (optional - in combination with the Duofuse gate)

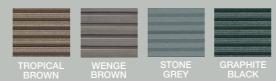
ADVANTAGES

- A UNIQUE FENCING SYSTEM THAT COMBINES **DESIGN WITH DURABILITY**
- VERSATILE AND MODULAR
- Heights between 20cm and 200cm are possible.
- By using the corresponding U-profiles, the boards can be attached to the post in 4 directions.
- Standard width of the boards is 180/200cm but boards can be cut to length.

• APPLICATIONS

Can be used for garden fences, raised beds, building material for sheds, carports, cabins, storeroom, gates,...

COLOURS







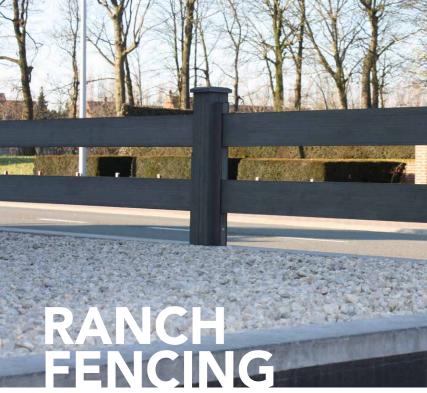
SLATT WALL GARDEN FENCES

A unique fencing system that combines design with durability. Clean-cut garden fencing in wood composite slats add value to every house and every garden. Whatever the setting, they always look good and exclusive and cannot be distinguished from solid wood. The distinct perspective and lined structure of the slats also make your garden seem bigger than it actually is.

One of the main advantages of a slat wood-plastic composite garden fence is the fact that you need never oil or stain it ever again! Even after years of exposure and usage, your slat wall garden fences will look as good as new.



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PARTS



DF3B120 Board 12 x 2.7 x 180cm (reinforced with steel)





DF1C09 Cover cap Design 9 x 9 x 1.7cm (to avoid water infiltration in the post)



DF1P90

DF1U27

boards)

9 x 9 x 270/300cm

(reinforced with an

aluminium core)

Post

Small U-profile 2.7 x 3.5 x 182/202cm (fitting system for the



DF1C11 Cover cap Classic

11 x 11 x 1.7cm

infiltration in the post)

(to avoid water

between the boards)



DFPH60 Internal post holder tube 6 x 6 x 60cm on plate 15 x 15cm (optional - only needed when fixing the post on a terrace, concrete floor or wall)



ADVANTAGES

- STRONGER AND MORE DURABLE THAN WOODEN RANCH FENCING, MORE **BEAUTIFUL THAN CONCRETE FENCING**
- VERSATILE AND MODULAR
- Heights between 12cm and 200cm are possible The number of boards and the space between the boards is free to choose.

• APPLICATIONS

Can be used for fencing for ranches, stables, gardens,...

Ranch fencing can also be used in combination with tongue and groove system:

- Lower part can be a closed fencing and upper part open fencing.
- A number of closed fencing and then a number of ranch fencing.
- By using the corresponding U-profiles the boards can be attached to the post in 4 directions.
- Standard width 180cm, can be shortened.

OI OURS







RANCH FENCING

The durable and modular alternative for wooden or concrete fences. Duofuse offers you the perfect solution to fence off your garden in style or to keep horses, sheep and other animals in their pasture in true country style. Duofuse wood composite enclosures are in any event stronger and more durable than wooden fences, particularly because they do not rot, even in the dampest conditions.

They are also much more attractive and more timeless than concrete fences. The plank posts can be sunk into the ground or mounted on top of a low wall. Duofuse pasture fencing requires no maintenance, so you can spend more time on your animals.

MADE BELGIUM

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ADVANTAGES

- QUALITY & AESTHETICAL
- OPTIMAL PRIVACY
- WIND PROTECTION
- SOUNDPROOFING

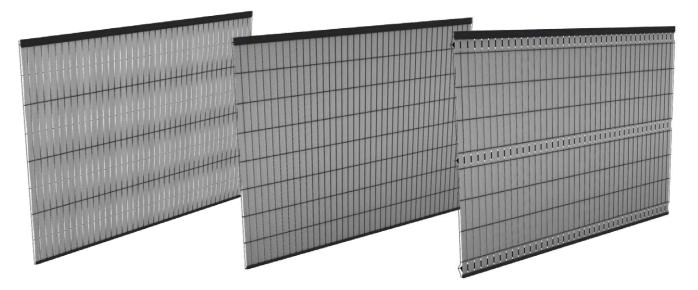
• DIFFERENT WIDTHS AND LENGTHS The slats are available in 4 different widths: 30 mm, 35 mm, 43 mm & 47 mm.

The standard lengths are: 1030 mm, 1230 mm, 1530 mm, 1730 mm, 1930 mm & 2030 mm

COLOURS

BLACK

3 DIFFERENT INSTALLATION METHODS



WIRE PANEL To weave

DOUBLE WIRE PANEL (2D) To insert



PRIVACY SLATS

These wood composite slats are the aesthetic solution to enjoy your garden in privacy. They are easy to maintain and easy to install yourself.

They not only guarantee the necessary privacy, but also provide protection against the wind and can reduce street noise.

The slats are available in different widths and lengths so that they fit into the current systems of wire panels.

The available finishing profiles ensure a perfect result.





DFPR30/ DFPR35/ DFPR43/ DFPR47 Privacy slat 30/35/43/47 x 1030/1230/1530/1730/ 1930/2030 x 3 mm





DFPR36 Clamping V profile small 3,6 x 2 x 247 cm GB = BL black WB = BR brown



DFPR49L Top profile PVC large 4,9 x 2,3 x 247 cm GB = BL blackWB = BR brown



DFPR22

GB = BL black

WB = BR brown

small

DFPR44

DFPR49 Clamping V profile Top profile PVC small large 4,4 x 2,6 x 247 cm 4,9 x 1,8 x 247 cm GB = BL black WB = BR brown



DFPRB

. Synthetic

12 x 12 x 14 mm GB = BL black WB = BR brown

Clip

DFPR22L Bottom profile PVC Bottom profile PVC large 2,2 x 1,8 x 247 cm 2,2 x 2,3 x 247 cm GB = BL black WB = BR brown





WIRE PANEL BARBS (3D) To insert with clamp profile



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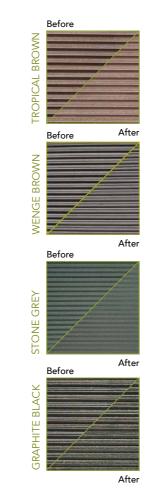
COLOUR CHANGING

After several days, the product will begin to fade slightly. This is a temporary and a natural process due to the leaking of the lignin. Afterwards the original colour will return.

The reason is that the wood composite material contains 50% PVC and 50% wood flour. Wood flour contains lignin in the cell wall and together with cellulose it determines the strength of wood. By sanding the surface during the manufacturing process, the wood fibres release the lignin and following exposure to UV light a slight discolouration occurs. In this early stage, Stone Grey and Graphite Black get a yellow/green tint. The sun and rain loosen the lignin on the surface and a brown/yellow substance emerges. This substance is completely harmless and is responsible for the colour change. This may cause water circles or drip edges on the wood composite profiles. The more irrigated the boards, the faster the lignin dissapears from the wall and after a few weeks/months, the original colour of the panels will be regained. If you wish to speed up this process you can rinse the product regularly with water.

Boards that have started to fade can be perfectly positioned with boards that have not been subject to this discolouration process. Over time, all the boards will have the same even colour. Below is the original colour with adjacent the final colour.

There can be slight colour differences between different production series as 50% of the material is made of wood.



AVAILABLE COLOURS

TROPICAL BROWN



STONE GREY



WENGE BROWN



GRAPHITE BLACK



Decking, Tongue and groove boards system, Slat wall system, Ranch fencing, Privacy slats

The colours and brushing may differ from one production to another and are not contractually binding. It is not reccomended to mix boards from different production batches. The date of production can be found on every board. Make sure that all boards are placed in the same direction (inside each board, a mark is provided for this).



MAINTENANCE

Duofuse[®] wood composite is virtually maintenance free meaning that preservative products are completely superfluous. For normal maintenance, you can use a brush or high pressure washer (max. 80 bar). Feel free to use a mild cleaning agent, but it is not advisable to use a dirt killer.

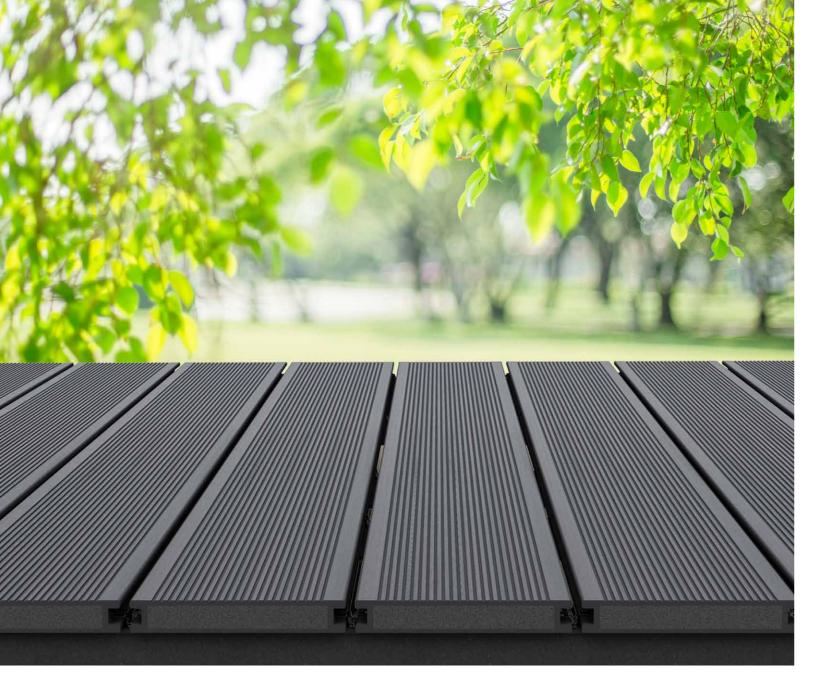
Any grease and oil stains can be removed with a household degreaser. The best way to deal with persistent dirt such as organic stains, mould and slime build-up or moss is to use a diluted bleach solution (25% bleach at 10° with 75% water). Solvents must NOT be used. Always make sure that the joints are open for good drainage.

In case of staining:

1 Any stains are best removed straight away so that they cannot penetrate the material or dry up on it. Rinsing with water and a mild soap solution is recommended in this case.

2 If a stain is not removed immediately, it may dry up and penetrate the plank. If this is the case, thorough cleaning with a pressure washer and/or brushing in the direction of the grooves is best. The discolouration will stabilize after 6 to 10 weeks.





Plastivan nv offers a 10 year warranty for all mechanical properties of the Duofuse® decking, tongue and groove boards system, slat wall system and ranch fencing and against all ant and insect attacks. The warranty conditions are based on current knowledge and correct use of the product.

Plastivan disclaims responsibility for damage caused by, or failure of, the product as a result of faulty installation caused by failure to follow the installation instructions that were available on the Plastivan website at the time of installation.

The warranty means damaged products will be replaced or refunded, taking into account a depreciation in relation to the already elapsed time and warranty period. Costs for replacement and removal, labour or other costs (e.g. transportation) are not covered by this warranty.



TECHNICAL INFO

CHARACTERISTICS AND TESTS ON DUOFUSE® WOOD COMPOSITE (GENERAL)

Description test	Conducted test	Value	Unit
Density at 20°C	EN ISO 1183-1 Method A	1.40	g/cm³
Vicat softening temperature	NBN EN ISO 306 Method B	86.2	°C
Traction characteristics			
Traction at 23°C Yield stress	NBN ISO 527-2	35.8	N/mm ²
Modulus of elasticity at 23°C	NBN ISO 527-2	6990	N/mm ²
Bending characteristics			
Flexural strength $\sigma_{_{b}}$	ISO 178	67.5	Мра
Modulus of elasticity (Flexural test) $E_{_{\mathrm{b}}}$	ISO 178	6460	Мра
Brinell Hardness H _b	EN 1534	111	-
Linear modulus of elongation	ASTM D696	0.018	mm/m.°C
Stress grading	EN 350	1	-
Verification of dimensional stability after immersion			
Max swelling in water after 28 days	EN 317	2.66	%
Max elongation in water after 28 days	EN 317	0.31	%
Rapid aging, discolouration	EN 513	≤ 2	grey scale
Verification of dimensional changes under changes of humidity			
from 65 % to 85 %	EN 1604	0.093	%
from 65 % to 30 %	EN 1604	0.135	%

CHARACTERISTICS AND TESTS ON DUOFUSE® (DECKING)

Description test		Conducted test		Unit
Changes in length caused by internal tension		N 479	0,1	%
Changes in length caused by humidity		N 1087-1	< 0.75	%
Coefficient of kinetic friction				
dry samples		6781-02	≥ 0.24	-
damped samples		6781-02	≥ 0.12	-
oiled samples		6781-02	≥ 0.08	-
Anti-slip characteristics	DIN 51	130 PB-LF 40	R10	class
Abrasion resistance	EN ISO	5470-1	≤ 1000	mg
Fire reaction when using aluminum substr	ucture EN 135	01-1	(see below)	-
	Graphite black	Stone grey	Tropical brown	Wenge brown
DFD140	B _{FL} - s1			
DFD162	D _{FL} - s2	D _{FL} - s2	C _{FL} -s1	C _{FL} - s1
DFDE162	D _{FL} - s2	D _{FL} - s2	C _{FL} - s1	C _{FL} - s1
DFDS162	D _{FL} - s2	D _{FL} - s2	B _{FL} - s1	B _{FL} - s1
Water absorption				
after 24h at 23°C			< 2	%
after 28 days at 23°C			< 3.5	%
Resistance to impact				
DFD162 / DFDE162 at a temperature of 23°C			5	J
DFD140 / DFDS162 at a temperature of	23°C EN 477		15	J
DFD162 / DFDE162 at a temperature of	23°C EN 477		4	J
Bending properties				
DFD162 - E modulus			± 4100	N/mm ²
DFDE162 - E modulus			± 4100	N/mm ²
DFDS162 - E modulus			± 3500	N/mm ²
DFD140 - E modulus			± 7200	N/mm ²
Deflection under load of 1 kN span 400 mm		3	1.41	mm
Deflection under load of 1 kN span 500 mm		3	2.31	mm
Verification of resistance to permissible concentrated load		71	≤ 1000	Ν
Load in case of a crack			≤ 315	kg

tion test		Conducted test		Value	Unit	
s in length caused by internal tension		NBN EN 479		0,1	%	
s in length caused by humidity		NBN EN 1087-1		< 0.75	%	
ent	of kinetic friction					
amples		BN 86/6781-02		≥ 0.24	-	
ped samples		BN 86/6781-02		≥ 0.12	-	
samples		BN 86/6781-02		≥ 0.08	-	
ch	aracteristics		DIN 51130 PB-LF 40		R10	class
n re	sistance		EN ISO	5470-1	≤ 1 000	mg
ctio	n when using aluminum subst	ructure	EN 135	01-1	(see below)	-
		Graphite b	lack	k Stone grey Tropical brow		Wenge brown
	DFD140	B _{FL} - s'	s1 B _{FL} - s1		B _{FL} - s1	B _{FL} - s1
	DFD162	D _{FL} - sź	2	D _{FL} - s2	C _{FL} - s1	C _{FL} - s1
	DFDE162	D _{FL} - sź	s2 D _{FL} - s2		C _{FL} - s1	C _{FL} - s1
	DFDS162	D _{FL} - s2		D _{FL} - s2	B _{FL} - s1	B _{FL} - s1
oso	rption					
24h at 23°C		EN 317		< 2	%	
28 days at 23°C		EN 317		< 3.5	%	
nce to impact						
162 / DFDE162 at a temperature of 23°C		EN 477		5	J	
140 / DFDS162 at a temperature of 23°C		EN 477		15	J	
62	/ DFDE162 at a temperature o	of 23°C	EN 477		4	J
g properties						
162 - E modulus		EN 310		± 4100	N/mm ²	
E162 - E modulus		EN 310		± 4100	N/mm²	
S162 - E modulus		EN 310		± 3500	N/mm ²	
140 - E modulus		EN 310		± 7200	N/mm ²	
ection under load of 1 kN span 400 mm		EN 1533		1.41	mm	
ction under load of 1 kN span 500 mm		EN 1533		2.31	mm	
tion of resistance to permissible concentrated		EN 12871		≤ 1000	Ν	
case of a crack		EN 310		≤ 315	kg	

Description test		Conducted test Value		Unit
Changes in length caused by internal tension		EN 479	0,1	%
Changes in length caused by humidity		EN 1087-1	< 0.75	%
Coefficient of kinetic friction				
dry samples		6/6781-02	≥ 0.24	-
damped samples	BN 8	6/6781-02	≥ 0.12	-
oiled samples		6/6781-02	≥ 0.08	-
Anti-slip characteristics	DIN	51130 PB-LF 40	R10	class
Abrasion resistance	EN IS	SO 5470-1	≤ 1 000	mg
Fire reaction when using aluminum sub	ostructure EN 1	3501-1	(see below)	-
	Graphite black	Stone grey	Tropical brown	Wenge brown
DFD140	B _{FL} - s1			
DFD162	D _{FL} - s2	D _{FL} - s2	C _{FL} - s1	C _{FL} - s1
DFDE162	D _{FL} - s2	D _{FL} - s2	C _{FL} - s1	C _{FL} - s1
DFDS162 D _{FL} -		D _{FL} - s2	B _{FL} - s1	B _{FL} - s1
Water absorption				
after 24h at 23°C		17	< 2	%
after 28 days at 23°C		17	< 3.5	%
Resistance to impact				
DFD162 / DFDE162 at a temperature of 23°C		77	5	J
DFD140 / DFDS162 at a temperature of 23°C		77	15	J
DFD162 / DFDE162 at a temperature	e of 23°C EN 4	EN 477 4		J
Bending properties				
DFD162 - E modulus		10	± 4100	N/mm²
DFDE162 - E modulus		10	± 4100	N/mm²
DFDS162 - E modulus		10	± 3500	N/mm ²
DFD140 - E modulus		10	± 7200	N/mm ²
Deflection under load of 1 kN span 400 mm		533	1.41	mm
Deflection under load of 1 kN span 500 mm		533	2.31	mm
Verification of resistance to permissible concentrated load		2871	≤ 1 000	Ν
Load in case of a crack		10	≤ 315	kg

CHARACTERISTICS AND TESTS ON DUOFUSE® (TONGUE AND GROOVE BOARDS SYSTEM) Unit

Description test Wind load (wind resistance) Conducted test NBN EN 12210

*For more detail : info@duofuse.com



Value class 4

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