

Colour for every perspective

innovus[®]

Coloured MDF



Innovus® Coloured MDF: colour for every perspective

The latest addition to the Innovus® range of decorative products, **Innovus® Coloured MDF** is a robust, versatile through-dyed board that is consistent, light-fast and easy to work with.

The through-dying process used in its production means that **Innovus® Coloured MDF** is perfect for a wide variety of applications.

Let **Innovus® Coloured MDF** inspire your designs and make your spaces for work, and play, beautiful.

Beautiful colour, through and through

Cut it, sand it, machine it: **Innovus® Coloured MDF**, with its 3D ability, ensures that its colour will continue to shine through.

Innovus® Coloured MDF's integral colouring is introduced at an early stage in the production process.

Carefully debarked soft wood fibres, seen here, are dyed with one of six colours; the dyes used are light-fast and give the finished board an impressive consistency and durability of colour.

Some small wood fibres do not absorb the dye, giving **Innovus® Coloured MDF** a natural, organic look. This accentuates the colour of the board perfectly.

innovus[®]
Coloured MDF

Range information

Innovus[®] Coloured MDF is available in a range of six colours – the warm yellow tones of Curry; the understated red of Berry; an intense Black; the regal blue of Royal; the warm brown of Terra; the neutral midtone Grey. This range of colours makes Innovus[®] Coloured MDF a versatile design partner that can enhance any space.



Easy to Mill

Cuts clean and easy to machine, Innovus[®] Coloured MDF can also be surface machined to give the board unique textures.



Colour Stability

Integral through-dyed colouring* ensures that the board colour does not fade with light exposure and is consistent in both tone and intensity.

* Colour variation between batches is possible.



Low Emissions

Innovus[®] Coloured MDF is formaldehyde free, with the exception of Grey, which is classified E1 - harmless to health in use.



Lacquering Ability

Board can be both gloss and semi-matt lacquered - this gives increased colour intensity and a variety of finishes.



Fire Retardant

Fire retardant board can contribute to reduce the risk of fire and its spread. Innovus[®] Coloured MDF Black is available as a fire retardant board.

Areas of Use

- Architectural and interior design
- Contemporary furniture design
- Shopfitting
- Deep routed decorative elements
- Desktops and counter tops with profiled edges
- Exhibition design
- Feature wall panelling

• Terra

• Curry

• Black

• Berry

• Grey

• Royal

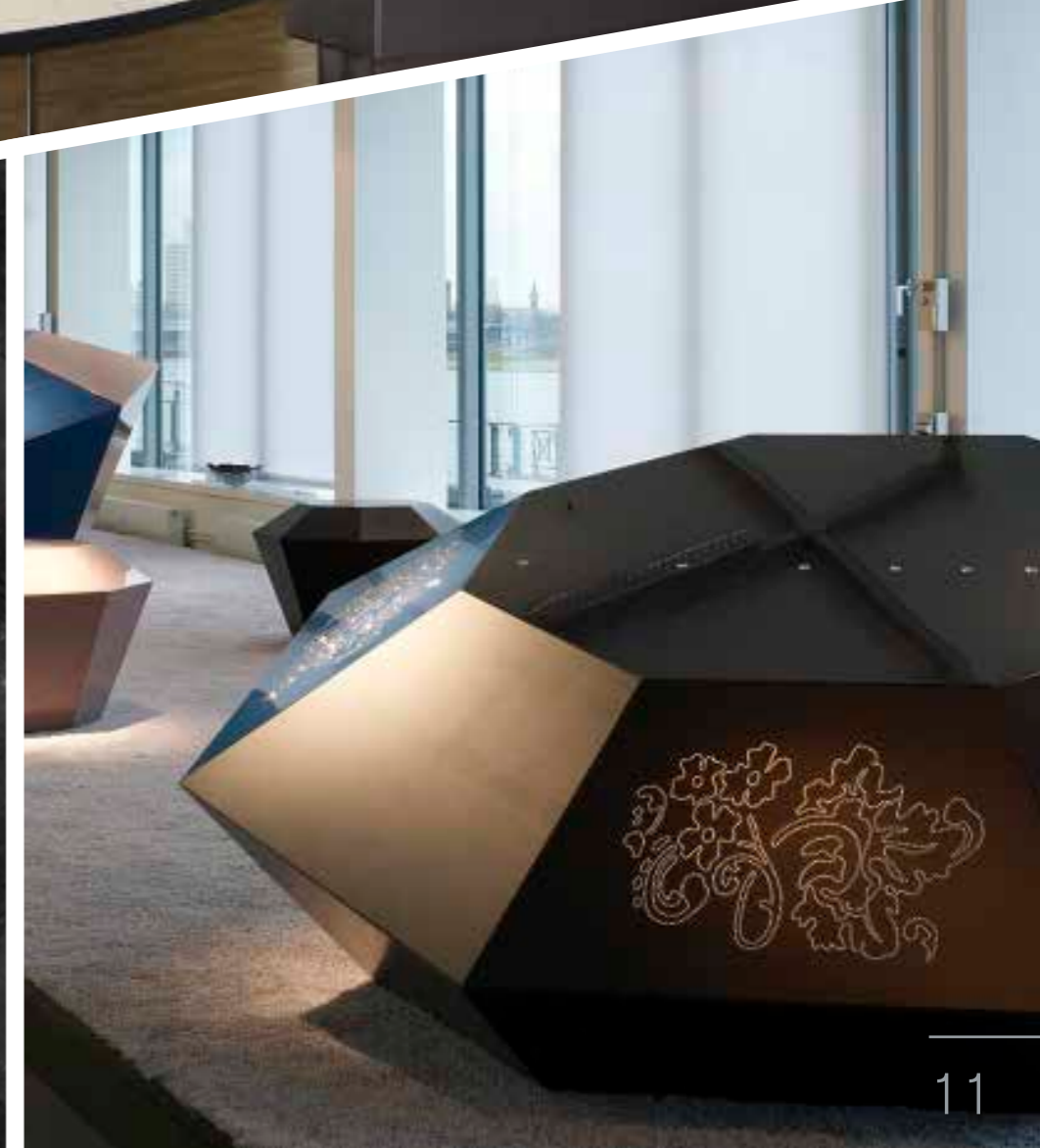
Design without limits...



Innovus® Coloured MDF inspires creative solutions.

Square edges, straight cuts and even surfaces are all things that tend to appear in conventional design, where painting and edge banding are necessary.

Innovus® Coloured MDF is not held back by these constraints. Cut it, shape it, construct it, however you want to; your blank canvas is no longer blank, it's coloured through and through.



Some of the practical assets of **Innovus® Coloured MDF** – ease of routing and cutting, and through-colouring - have an impact on the way your design visions

Design without limits...

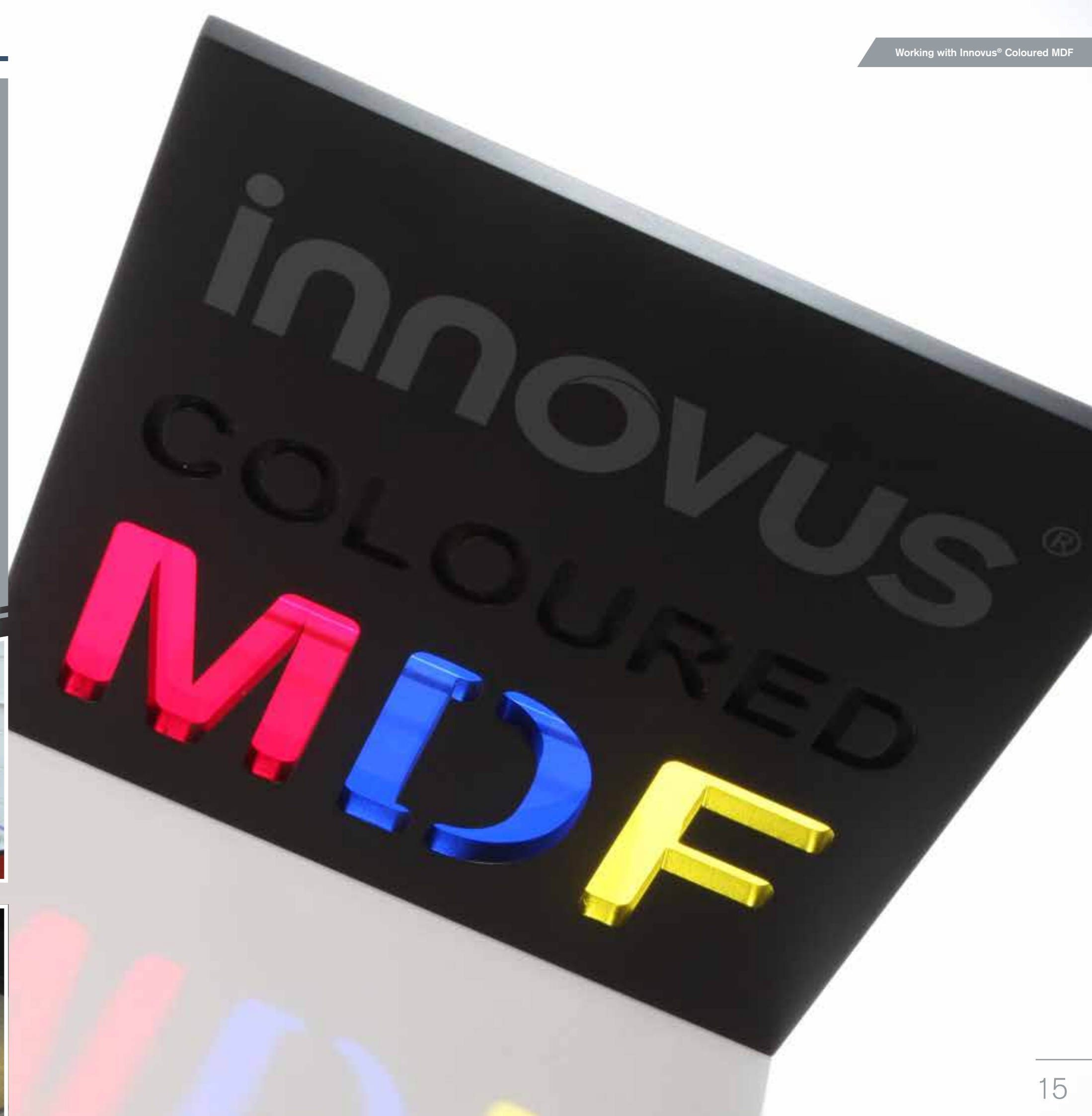
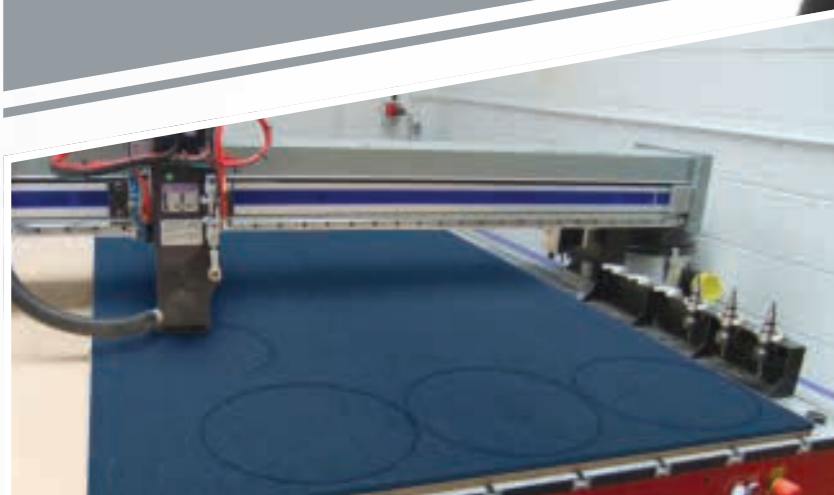
become reality. Intricate patterns can be routed with ease - the same designs would necessitate a painted surface on plain board.

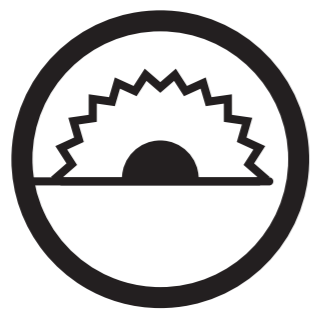


Working with **Innovus®** Coloured MDF

Machine it, hand craft it, let your CNC equipment do the work – **Innovus® Coloured MDF** is a versatile material that is easy to work with using different methods.

The board's construction means that processing times are minimised, saving you time and money. Less finishing, no edge banding, and superior strength meaning more easy fixing, all mean that **Innovus® Coloured MDF** will make your life easier.





Easy to Mill

Because of its construction, **Innovus® Coloured MDF** can be easily machined into almost any shape, using most standard processes.

It gives clean and accurate edges when cut, drilled, routed or milled, which saves time and money as there is less additional finishing necessary.

These properties, combined with its high bending and tensile strength and screw holding power, give you a board that is pleasing to the eye, strong and quick and easy to process.





Low Emissions

As with all Innovus® products, **Innovus® Coloured MDF** has been engineered to keep its environmental impact to an absolute minimum.

Innovus® Coloured MDF acts as a carbon store thus helping to mitigate climate change, like other wood-based products.

Innovus® Coloured MDF is also formaldehyde-free*.

This grade assures that **Innovus® Coloured MDF** has a minimal environmental impact. It also helps with LEED/BREEAM sustainability assessment for building projects.

* Innovus® Coloured MDF Grey is classified E1



Fire Retardant

Innovus® Coloured MDF Black has a hidden strength and an additional advantage: it is also available in a fire retardant format.

The Black decor is designed to meet the most stringent fire safety regulations, being compliant with DIN 4102 (B1) and the European standard EN 13501-1 (B-s2, d0). This means that it can contribute to reduce the risk of spread of fire, providing more time for intervention and evacuation of buildings.



Colour Stability

Colour stability is a vital and unique quality of **Innovus® Coloured MDF** - brilliant and long-lasting tones that remain the same with time, after regular use and light exposure.

It doesn't matter how you machine it, the board will only reveal even more of its integral colour.



Lacquering Ability

Adding a lacquered finish to your **Innovus® Coloured MDF** creation, whether it's matt or gloss, can add a whole new dimension.

Innovus® Coloured MDF saves time and money by making extra finishing unnecessary. Nonetheless, if you want to give it an extra look, the lacquer makes the board's colour even more brilliant, and can be used alongside unfinished board to give beautiful contrasts to your work.



with

innovus[®]
Coloured MDF



Surface Design

Creative surfaces with Innovus® Coloured MDF

For extra brilliance, Innovus® Coloured MDF can be finished with a mineral pigmented varnish, resulting in glittering effects.

This gives even more design possibilities, whilst retaining all of Innovus® Coloured MDF's design and processing advantages.

Design application example:
Innovus® Coloured MDF Black, finished with Mineral Silver effect pigmented varnish

Materials used for the lacquering*:
Hesse PUR-primer:
DG 4716-0001 M.V.: 2:1 DR 4070
BASF effect pigment:
Firemist® Pearl 9G130L
Hesse PUR acryl brilliant lacquer:
DU 45229

*For more information visit www.innovus.co



Innovus® Coloured MDF Form is a flexible MDF board which opens up countless possibilities and innovative solutions.

Elegant curves can be created quickly, easily and economically, still giving the option for the board to be lacquered, waxed, veneered or laminated.

Form's precision slits, repeated at constant intervals, enable perfect curves to be created, even with a tight bend radius.*

* Recommended minimum bend radius – 150 mm.

Form is available on demand in 2800 x 1030 mm and in 10 mm thickness

Delivery Programme

Colour	Size	10 mm	16 mm	19 mm	25 mm
Terra	2800 x 2070 mm	0	0	✓	0

Colour	Size	10 mm	16 mm	19 mm	25 mm
Curry	2800 x 2070 mm	0	0	✓	0

Colour	Size	10 mm	16 mm	19 mm	25 mm
Black	2800 x 2070 mm	✓	✓	✓	✓
Black	3050 x 1220 mm	0	0	✓	0
Black	4100 x 2070 mm	0	✓	✓	✓
Black FR (Fire Retardant)	5600 x 2070 mm	0	0	✓	0
Wave Black	2800 x 1030 mm	0	0	✓	0

Colour	Size	10 mm	16 mm	19 mm	25 mm
Berry	2800 x 2070 mm	0	0	✓	0

Colour	Size	10 mm	16 mm	19 mm	25 mm
Grey	2800 x 2070 mm	0	0	✓	0

Colour	Size	10 mm	16 mm	19 mm	25 mm
Royal	2800 x 2070 mm	0	0	✓	0

✓ – In Stock 0 – On Request

Technical Information

Property	Unit	Thickness (mm)			
		10	16	19	25
Density	kg/m ³	770	760	760	760
Density tolerance	kg/m ³	± 30	± 30	± 30	± 30
Internal bond	N/mm ²	0,72	0,7	0,7	0,65
Bending strength	N/mm ²	28	26	26	24
Swelling in thickness, 24h	%	15	12	12	10

For further technical details or instructions for use please go to www.innovus.co

The content of this brochure has been created with the utmost care. However, Sonae Tafibra International b.v. assumes no liability for errors and omissions or colour variation due to photography or printing processes. Technical modifications for product improvement may be made without prior notice.

Use of any product name, company name or company trade names and/or registered trademarks is strictly prohibited without the express permission of Sonae Tafibra International b.v. and/or the respective copyright owner.

Sonae Tafibra International b.v., August 2014



innovus[®]

Coloured MDF



Sonae Tafibra International b.v.

Postbus 204
NL-3440 AE Woerden
Netherlands

Tel: +31 (0)348 43 44 00 E-mail: salssonae@sonaeindustria.com
Fax: +31 (0)348 43 42 12 Website: www.sonaeindustria.com



www.innovus.co
info@innovus.co

