

NOVO BASE

Product description

NOVO BASE (O-1) is made of 100% natural wheat straw, using isocyanate resin (p-MDI) as adhesive. The selected high quality wheat straw are going through a complex process of drying, sorting, splitting, sizing, oriented construction, continuously hot pressing and eventually provides green-building and home-furnishing industry an sustainable development solution.

Product features

- Zero chemical emissions
- Non harmful gas release
- Formaldehyde-free adhesives
- Laminate and veneer ability
- Superior workability
- Resistance to deformation
- High durability
- Strong nail-holding power
- Vermin prevention

Product specification

NOVO BASE	Unit	Performance		
		≥5~<8	≥8~<15	≥15~30
Thickness	mm			
Formaldehyde emission	mg/100g	≤3.0	≤3.0	≤3.0
Total Volatile Organic Compound (TVOC) emission	mg/m³h	≤0.5	≤0.5	≤0.5
Moisture content	%	≥2.5	≥2.5	≥2.5
Dimensional stability	%	≤0.3	≤0.3	≤0.3
Modulus of rupture (MOR)	MPa	≥20	≥20	≥18
Modulus of elasticity (MOE)	MPa	≥2400	≥2500	≥2600
Internal bonding strength	MPa	≥0.30	≥0.28	≥0.28
Thickness expansion rate of 24H water absorption	%	≤25	≤20	≤20
The screw-holding force of the board surface	N	-	-	≥900
The screw-holding force of the board edge	N	-	-	≥600



Product size

Thickness: 11.1 / 15 / 18 mm
 Width: 1220 mm
 Length: 2440 mm

Application

Interior decoration structures
 Construction and housing system
 Furniture
 Wall preparation
 Ceiling construction

*For high structural strength stability needs, NOVO CONSTRUCTION is suggested.



NOVO CONSTRUCTION

Product description

NOVO CONSTRUCTION (O-3) is made of 100% natural wheat straw, using isocyanate resin (p-MDI) as adhesive. The selected high quality wheat straw are going through a complex process of drying, sorting, splitting, sizing, oriented construction, continuously hot pressing and eventually provides green-building and home-furnishing industry an sustainable development solution.

Product features

- Zero chemical emissions
- Formaldehyde-free adhesives
- High structural strength stability
- Laminate and veneer ability
- Superior workability
- Resistance to deformation
- High durability
- Strong nail-holding power
- Vermin prevention

Product specification

NOVO CONSTRUCTION	Unit	Performance		
Thickness	mm	≥5~<8	≥8~<15	≥15~22
Formaldehyde emission	mg/100g	≤3.0	≤3.0	≤3.0
Total Volatile Organic Compound (TVOC) emission	mg/m ² .h	≤0.5	≤0.5	≤0.5
Moisture content	%	≥2.5	≥2.5	≥2.5
Dimensional stability	%	≤0.3	≤0.3	≤0.3
Modulus of rupture (MOR)	MPa	≥22	≥20	≥18
Modulus of elasticity (MOE)	MPa	≥2800	≥3500	≥3700
Internal bonding strength	MPa	≥0.34	≥0.32	≥0.30
Thickness expansion rate of 24H water absorption	%	≤20	≤15	≤15
The screw-holding force of the board surface	N	-	-	≥1000
The screw-holding force of the board edge	N	-	-	≥800



Product size

Thickness: 11.1 / 15 / 18 mm
 Width: 1220 mm
 Length: 2440 mm

Application

Interior decoration structures
 Construction and housing system
 Furniture
 Wall partitioning
 Wall preparation
 Ceiling construction
 Windows and doors frames



NOVO DECO

Product description

NOVO DECO (0-4) is made of 100% natural wheat straw, using isocyanate resin (p-MDI) as adhesive. Its surface has a natural unique elegant texture, which is specially suitable for decoration. (Note: NOVOFIBRE provides dedicated installation system that makes installation fast and easy.)

Product features

- Zero chemical emissions
- Formaldehyde-free adhesives
- Non harmful gas release
- Natural wheat straw texture
- Resistance to deformation
- High durability
- Strong nail-holding power
- Superior workability

Product specification

NOVO DECO	Unit	Performance	
		≥8~<15	≥15~22
Thickness	mm	≥8~<15	≥15~22
Formaldehyde emission	mg/100g	≤3.0	≤3.0
Total Volatile Organic Compound (TVOC) emission	mg/m ² h	≤0.5	≤0.5
Moisture content	%	≥2.5	≥2.5
Dimensional stability	%	≤0.3	≤0.3
Modulus of rupture (MOR)	MPa	≥20	≥20
Modulus of elasticity (MOE)	MPa	≥2500	≥2500
Internal bonding strength	MPa	≥0.28	≥0.28
Thickness expansion rate of 24H water absorption	%	≤15	≤15
The screw-holding force of the board surface	N	--	≥1000
The screw-holding force of the board edge	N	--	≥700



Product size

Thickness: 11.1 / 15 / 18 mm
 Width: 1220 mm
 Length: 2440 mm

Application

Interior decoration
 Furniture
 Wall decoration
 Decorative fixtures
 Window and door frames
 Built-in cabinets
 Crafts



NOVO FLOOR

Product description

NOVO FLOOR (NF) uses “floor dedicated” base panel as raw panel. Novofibre’s professional panel making production ensures its high precision tenon and milling, so that the surface after installation is flat, foot comforting, firm and durable. The floors are treated specially for moisture proof and there are a variety of colors to choose from.

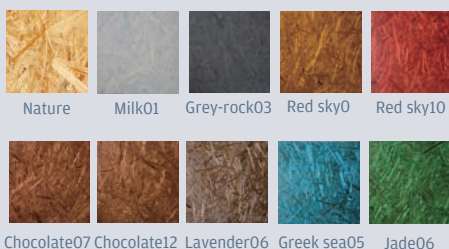
Product features

- Zero chemical emissions
- Formaldehyde-free adhesives
- Non harmful gas release
- Comfortable underfoot, prevent slipping
- Moisture resistance
- Easy cleaning and maintenance
- Resistance to deformation
- High durability
- Resistance scratch
- Specially for floor heating system

Product specification

NOVO FLOOR	Unit	Performance
Thickness	mm	15
Formaldehyde emission	mg/L	≤0.3
Total Volatile Organic Compound (TVOC) emission	mg/m ³ ·h	≤0.5
Heat conduction efficiency	°C/h	≥8
Modulus of rupture (MOR)	MPa	if the thickness ≤12mm, ≥25 if the thickness >12mm, ≥20
Internal bonding strength	MPa	≥0.45
Thickness expansion rate of 24H water absorption	%	≤15
Surface adhesion	Grade	2
Surface hardness	-	≥2H
Colour fastness to light	Grade	≥4th grade (gray scale)
Surface abrasion resistance	g/100r	≤0.15, the film is not worn out
Dimensional stability	mm	≤0.9

Colour overview
(Novofibre also offers customized colour option)



Product size

Thickness: 15 mm
Width: 190 mm
Length: 1200 mm

Application

Interior floor in hotels, apartments, clubs, kindergartens, schools, offices and so on.



NOVO ACOUSTIC

Product description

NOVO ACOUSTIC (NA) uses 100% natural wheat straw as raw material. The production process achieves the best decoration surface and ensures its functionality. Especially the tenon of the NOVO Acoustic panels which produced by high precision milling machinery makes the panel surface absolutely flat after installation. And we offers a variety of colors choices.

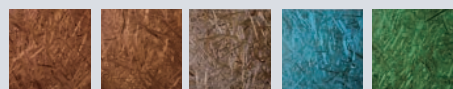
Product features

- Zero chemical emissions
- Formaldehyde-free adhesives
- Non harmful gas release
- Excellent noise reduction performance
- Easy cleaning and maintenance
- Resistance to deformation
- High durability
- Perfect abrasive resistance
- Moisture resistance

Product specification

NOVO AUCOSTIC	Unit	Performance
Thickness	mm	15
Formaldehyde emission	mg/L	≤0.3
Total Volatile Organic Compound (TVOC) emission	mg/m ³ .h	≤0.5
Sound-absorbing index	-	0.72
Thickness expansion rate of 24H water absorption	%	≤20%
Surface adhesion	Grade	3
Surface hardness	-	≥H
Surface abrasion	g/100r	≤0.15, the film is not worn out

Colour overview
(Novofibre also offers customized colour option)



Chocolate07 Chocolate12 Lavender06 Greek sea05 Jade06



Product size

Thickness: 15 mm
Width: 128 mm
Length: 2440 mm

Application

Any place with sound-absorbing requirement
Internal wall decoration



NOVO HOME UV


Product description

NOVO HOME UV (NH-UV) uses NOVOFIBRE deco panel as raw material, The surface of the panels are coated with a fine Ultra-Violet layer that is 100% environmentally-friendly. Its natural yet unique elegant texture are specially suitable for decoration. (Note: NOVOFIBRE provides dedicated installation system that makes installation fast and easy.)

Product features

- Zero chemical emissions
- Formaldehyde-free adhesives
- Non harmful gas release
- Natural wheat straw texture
- Resistance to deformation
- High durability
- Strong nail-holding power
- Superior workability

Product specification

NOVO HOME UV	Unit	Performance	
Thickness	mm	≥8~<15	≥15~22
Formaldehyde emission	mg/100g	≤3.0	≤3.0
Total Volatile Organic Compound (TVOC) emission	mg/m³.h	≤0.5	≤0.5
Moisture content	%	≥2.5	≥2.5
Dimensional stability	%	≤0.3	≤0.3
Modulus of rupture (MOR)	MPa	≥20	≥20
Modulus of elasticity (MOE)	MPa	≥2500	≥2500
Internal bonding strength	MPa	≥0.28	≥0.28
Thickness expansion rate of 24H water absorption	%	≤15	≤15
The screw-holding force of the board surface	N	-	≥1000
The screw-holding force of the board edge	N	-	≥700
Colour overview (Novofibre also offers customized colour option)			



Product size

Thickness: 15/18 mm
 Width: 1220 mm
 Length: 2440 mm

Application

Interior decoration
 Furniture
 Wall decoration
 Decorative fixtures



NOVO HOME laminate

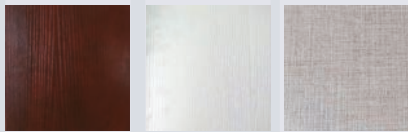
Product description

NOVO HOME laminate (NH-L) uses high grade OSSB panel as base panel. Paper laminate gives OSSB panels all kinds of surface texture possibilities and various colour choices that helps users achieve a modern healthy interior decoration.

Product features

- Zero chemical emissions
- Formaldehyde-free adhesives
- Resistance of scratch
- Easy cleaning and maintenance
- Superior workability: not break when cut, easy to operate
- Resistance to deformation
- High durability
- Superior workability
- Moisture resistance

Product specification

NOVO HOME laminate	Unit	Performance
Thickness	mm	18
Formaldehyde emission	mg/L	≤0.3
Total Volatile Organic Compound (TVOC) emission (72H)	mg/m ² .h	≤0.5
Modulus of rupture (MOR)	MPa	≥15
Internal bonding strength	MPa	≥0.4
Thickness expansion rate of 24H water absorption	%	≤12
Dimensional stability	%	≤0.6
Surface bonding strength	MPa	≥0.6
Surface resistance to dry heat	—	Non cracking; Non bubbles
Surface laminate texture (Novofibre also offers customized laminate texture)		
	Brown wooden pattern	White wooden pattern Fabric pattern



Product size

Thickness: 18 mm
 Width: 2440 mm
 Length: 1220 mm

Application

Interior decoration
 Furniture



NOVO HOME veneer

Product description

NOVO HOME veneer uses high grade OSSB panel as base panel. Veneer gives OSSB panels all kinds of wooden surface texture possibilities and various colour choices that helps users achieve a modern healthy interior decoration.

Product features

- Zero chemical emissions
- Formaldehyde-free adhesives
- Excellent nail-holding capacity on all sides
- Easy cleaning and maintenance
- Resistance to deformation
- High durability
- Superior workability

Product specification

NOVO HOME veneer	Unit	Performance
Thickness	mm	≥12~<18
Formaldehyde emission	mg/L	≤0.3
Total Volatile Organic Compound (TVOC) emission (72H)	mg/m ³ ·h	≤0.5
Surface veneer texture	Veneer types, thickness, texture could be customize-made (veneer thickness should be more than 0.6mm)	



Product size

Thickness: 15/18 mm
 Width: 2440 mm
 Length: 1220 mm

Application

Interior decoration
 Furniture

