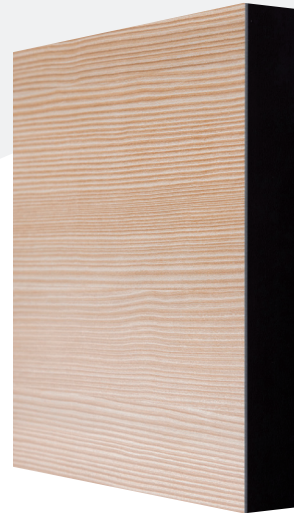


# VINOVApanel – CPL

## THE GYPSUM FIBRE BOARD WITH CPL COATING



### Product description

- ⊕ **Board type**  
pr DIN EN 14190
- ⊕ **Order information**  
Board thickness 12, 16, 18, 25 mm  
  
Standard sizes  
3000 x 600 mm  
2500 x 600 mm  
2000 x 600 mm  
1500 x 600 mm  
1200 x 600 mm  
600 x 600 mm  
  
Other thicknesses and sizes on request.
- ⊕ **CPL Coating**  
Standard coating:  
– white/grey – silver grey  
– anthracite – beech/maple  
  
Special coating possible
- ⊕ **Storage**  
On wooden pallets in a dry environment

### Area of application

VINOVApanel - CPL is used in all areas of interior finishing and throughout high-quality drywall systems that place high demands on creative design.

The enhanced surface techniques of VINOVApanel enable a high degree of design flexibility meaning the demands of the future can already be met today.

Requirements related to sound-insulation, acoustics, fire protection and robustness are met by VINOVApanel and reinforced by the corresponding system testing that is in place.

This system testing information is then used together with the high degree of design flexibility provided by the board to deliver the perfect creative solution.

### Systems

- ⊕ Ceiling lining and suspended ceilings
- ⊕ Wall systems
- ⊕ Impact walls
- ⊕ Impact protection
- ⊕ Acoustic systems


### Properties and added value

- ⊕ Simple and quick installation
- ⊕ Non-combustible A2-s1, d0
- ⊕ Universally applicable
- ⊕ Robust surface
- ⊕ Good core cohesion under fire exposure
- ⊕ Easy application
- ⊕ Curved shapes are available upon request
- ⊕ Low swelling and shrinking with changes in climate conditions
- ⊕ 2 D shapes possible
- ⊕ Ecologically certified baseboard

# VINOVApanel - CPL

## THE GYPSUM FIBRE BOARD WITH CPL COATING

### Technical Data

	VINOVApanel	unit	1100	1500	Standard
 <p>max. 600 mm</p> <p>max. 3000 mm</p> <p><b>Edge formation</b> Coated/uncoated</p> <p><b>Dimensional tolerances</b> Width: ± 0.3 mm/m Length: ± 0.3 mm/m Thickness flat: ± 0.15 mm</p>	Reaction to fire: raw board	–	A1	A1	DIN EN 13501-1
	Reaction to fire: VINOVApanel – CPL	–	A2-s1, d0	A2-s1, d0	DIN EN 13501-1
	Water vapour diffusion resistance $\mu$ <sup>1)</sup>	–	17	30	DIN 52615
	Thermal conductivity $\lambda$	W/(m·K)	0.38	0.44	DIN EN 12664
	Density	kg/m <sup>3</sup>	≥ 1100	≥ 1500	–
	<b>Board weights</b>				
	Board thickness 12 mm	kg/m <sup>2</sup>	14.4	19.2	–
	Board thickness 16 mm	kg/m <sup>2</sup>	19.2	25.6	–
	Board thickness 18 mm	kg/m <sup>2</sup>	21.6	28.8	–
	Board thickness 25 mm	kg/m <sup>2</sup>	30.0	40.0	–
	Specific heat capacity $c$	J/(kgK)	> 1000	> 1000	–
	<b>Hygrothermal installation conditions</b>	°C % r.F.	≥ + 5 40 - 80	≥ + 5 40 - 80	–
	Thermal extension coefficient $\alpha$	1/K	12.9*10 <sup>-6</sup>	12.9*10 <sup>-6</sup>	–
	Shrinkage and expansion per change in temperature	mm/(mK)	≤ 0.02	≤ 0.02	–
	Bending tensile strength	N/mm <sup>2</sup>	≥ 4.2	≥ 10.5	–
	E-modulus	N/mm <sup>2</sup>	≥ 2200	≥ 6000	–

1) Raw board

### Notes

#### Application

Application is carried out in accordance with relevant standards and in accordance with Knauf riessler detail documentation.

#### CPL Coating

The CPL coating is carried out at the factory in several steps. The building material class is only ensured in connection with the CPL coating from Knauf riessler.

#### Disposal

Waste Code (AVV code): :  
17 08 02  
17 09 04

### Knauf Direkt

#### Technical Advisory Service:

Tel.: +49 9001 31-1000\*  
Drywall and Floor Systems  
Fax: +49 1805 31-4000\*\*  
www.knauf-riessler.de

\* Call rates to Knauf Direkt from within the German landline network: 0.39 € per Min., Callers whose phone numbers are not registered in the Knauf address database, e. g. private builders or non-patrons are charged 1.69 €/Min. Calls from mobile phones may differ and will be charged acc. to net provider and call rate.  
\*\* Fax: 0.14 €/Min. within the German landline network

All technical changes reserved. Only the current printed instructions are valid. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer. All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require the express permission of Firma Knauf riessler, Süßwiesenstraße 10, 74549 Wolpertshausen, Tel.: +49 7904 944681-0, Fax: +49 7904 944681-10. Delivery via professional building material distributors only, in accordance with our current business, delivery and payment terms.

The structural and physical properties of the Knauf riessler systems can only be achieved through the exclusive use of Knauf riessler system components or with other products recommended by Knauf.

# VINOVApanel – Digital Print

## THE GYPSUM FIBRE BOARD WITH DIGITAL PRINT



### Product description

- ⊕ **Board type**  
pr DIN EN 14190
- ⊕ **Order information**  
Board thickness 12, 16, 18, 25 mm  
  
Standard sizes  
3000 x 600 mm  
2500 x 600 mm  
2000 x 600 mm  
1500 x 600 mm  
1200 x 600 mm  
600 x 600 mm  
  
Other thicknesses and sizes on request.
- ⊕ **Digital print**
  - standard decor
  - individual decor
- ⊕ **Storage**  
On wooden pallets in a dry environment

### Area of application

VINOVApanel – Digital Print is used in all areas of interior finishing and throughout high-quality drywall systems that place high demands on creative design.

The enhanced surface techniques of VINOVApanel enable a high degree of design flexibility meaning the demands of the future can already be met today.

Requirements related to sound-insulation, acoustics, fire protection and robustness are met by VINOVApanel and reinforced by the corresponding system testing that is in place.

This system testing information is then used together with the high degree of design flexibility provided by the board to deliver the perfect creative solution.

### Systems


- ⊕ Ceiling lining and suspended ceilings
- ⊕ Wall systems
- ⊕ Impact walls
- ⊕ Impact protection
- ⊕ Acoustic systems

### Properties and added value

- ⊕ Simple and quick installation
- ⊕ Non-combustible A2-s1, d0
- ⊕ Universally applicable
- ⊕ Robust surface
- ⊕ Good core cohesion under fire exposure
- ⊕ Easy application
- ⊕ Low swelling and shrinking with changes in climate conditions
- ⊕ Ecologically certified baseboard

# VINOVApanel – Digital Print

## THE GYPSUM FIBRE BOARD WITH DIGITAL PRINT

Technical Data					
	VINOVApanel	unit	1100	1500	Standard
 <p>max. 600 mm</p> <p>max. 3000 mm</p> <p><b>Edge formation</b> Coated/uncoated</p> <p><b>Dimensional tolerances</b> Width: ± 0.3 mm/m Length: ± 0.3 mm/m Thickness flat: ± 0.15 mm Thickness curved: ± 0.5 mm</p>	Reaction to fire: raw board	–	A1	A1	DIN EN 13501-1
	Reaction to fire: VINOVApanel - Digital Print		A2-s1, d0	A2-s1, d0	DIN EN 13501-1
	Water vapour diffusion resistance $\mu$ <sup>1)</sup>	–	17	30	DIN 52615
	Thermal conductivity $\lambda$	W/(m·K)	0.38	0.44	DIN EN 12664
	Density	kg/m <sup>3</sup>	≥ 1100	≥ 1500	
	<b>Board weights</b>				
	Board thickness 12 mm	kg/m <sup>2</sup>	14.4	19.2	–
	Board thickness 16 mm	kg/m <sup>2</sup>	19.2	25.6	–
	Board thickness 18 mm	kg/m <sup>2</sup>	21.6	28.8	–
	Board thickness 25 mm	kg/m <sup>2</sup>	30.0	40.0	–
	Specific heat capacity c	J/(kgK)	> 1000	> 1000	–
	<b>Hygrothermal installation conditions</b>	°C % r.F.	≥ + 5 40 - 80	≥ + 5 40 - 80	–
	Thermal extension coefficient $\alpha$	1/K	12.9*10 <sup>-6</sup>	12.9*10 <sup>-6</sup>	–
	Shrinkage and expansion per change in temperature	mm/(mK)	≤ 0.02	≤ 0.02	–
	Bending tensile strength	N/mm <sup>2</sup>	≥ 4.2	≥ 10.5	–
	E-modulus	N/mm <sup>2</sup>	≥ 2200	≥ 6000	–

1) Raw board

### Notes

#### Application

Application is carried out in accordance with relevant standards and in accordance with Knauf riessler detail documentation.

#### Digital print

The digital print is carried out at the factory in several steps. The building material class is only ensured in connection with the components from Knauf riessler.

#### Disposal

Waste Code (AVV code):  
17 08 02  
17 09 04

### Knauf Direkt

#### Technical Advisory Service:

Tel.: +49 9001 31-1000\*  
Drywall and Floor Systems  
Fax: +49 1805 31-4000\*\*  
www.knauf-riessler.de

\* Call rates to Knauf Direkt from within the German landline network: 0.39 € per Min., Callers whose phone numbers are not registered in the Knauf address database, e. g. private builders or non-patrons are charged 1.69 €/Min. Calls from mobile phones may differ and will be charged acc. to net provider and call rate.

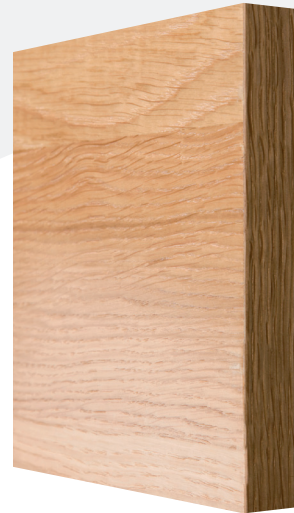
\*\* Fax: 0.14 €/Min. within the German landline network

All technical changes reserved. Only the current printed instructions are valid. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer. All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require the express permission of Firma Knauf riessler, Süßwiesenstraße 10, 74549 Wolpertshausen, Tel.: +49 7904 944681-0, Fax: +49 7904 944681-10. Delivery via professional building material distributors only, in accordance with our current business, delivery and payment terms.

The structural and physical properties of the Knauf riessler systems can only be achieved through the exclusive use of Knauf riessler system components or with other products recommended by Knauf.

# VINOVApanel – Real Wood Veneer

## THE GYPSUM FIBRE BOARD WITH REEL WOOD VENEER



### Product description

- ⊕ **Board type**  
pr DIN EN 14190
- ⊕ **Order information**  
Board thickness 12, 16, 18, 25 mm  
  
Standard sizes  
3000 x 600 mm  
2500 x 600 mm  
2000 x 600 mm  
1500 x 600 mm  
1200 x 600 mm  
600 x 600 mm  
  
Other thicknesses and sizes on request.
- ⊕ **Real wood veneer**  
Standard veneer such as:
  - maple    – birch
  - beech    – oak
  - ash       – walnut  
Special veneers possible
- ⊕ **Storage**  
On wooden pallets in a dry environment

### Area of application

VINOVApanel - Real wood veneer is used in all areas of interior finishing and throughout high-quality drywall systems that place high demands on creative design.

The enhanced surface techniques of VINOVApanel enable a high degree of design flexibility meaning the demands of the future can already be met today.

Requirements related to sound-insulation, acoustics, fire protection and robustness are met by VINOVApanel and reinforced by the corresponding system testing that is in place.

This system testing information is then used together with the high degree of design flexibility provided by the board to deliver the perfect creative solution.

### Systems

- ⊕ Ceiling lining and suspended ceilings
- ⊕ Wall systems
- ⊕ Impact walls
- ⊕ Impact protection
- ⊕ Acoustic systems



### Properties and added value

- ⊕ Simple and quick installation
- ⊕ Non-combustible A2-s1, d0
- ⊕ Universally applicable
- ⊕ Robust surface
- ⊕ Good core cohesion under fire exposure
- ⊕ Easy application
- ⊕ Bendable
- ⊕ Low swelling and shrinking with changes in climate conditions
- ⊕ 2D shapes possible
- ⊕ Ecologically certified baseboard

# VINOVApanel – Real Wood Veneer

## THE GYPSUM FIBRE BOARD WITH REEL WOOD VENEER

### Technical Data

	VINOVApanel	unit	1100	1500	Standard
 <p>max. 3000 mm</p> <p>max. 600 mm</p> <p><b>Edge formation</b> Coated/uncoated</p> <p><b>Dimensional tolerances</b> Width: ± 0.3 mm/m Length: ± 0.3 mm/m Thickness flat: ± 0.15 mm Thickness curved: ± 0.5 mm</p> <p><b>Minimum bending radius</b> Board thickness <math>\delta</math> mm <math>r \geq 300</math> mm (Note extended residence time due to hydrophobic core)</p> 	Reaction to fire: raw board	–	A1	A1	DIN EN 13501-1
	Reaction to fire: VINOVApanel - real wood veneer		A2-s1, d0	A2-s1, d0	DIN EN 13501-1
	Water vapour diffusion resistance $\mu$ <sup>1)</sup>	–	17	30	DIN 52615
	Thermal conductivity $\lambda$	W/(m·K)	0.38	0.44	DIN EN 12664
	Density	kg/m <sup>3</sup>	≥ 1100	≥ 1500	–
	<b>Board weights</b>				
	Board thickness 12 mm	kg/m <sup>2</sup>	14.4	19.2	–
	Board thickness 16 mm	kg/m <sup>2</sup>	19.2	25.6	–
	Board thickness 18 mm	kg/m <sup>2</sup>	21.6	28.8	–
	Board thickness 25 mm	kg/m <sup>2</sup>	30.0	40.0	–
	Specific heat capacity $c$	J/(kgK)	> 1000	> 1000	–
	<b>Hygrothermal installation conditions</b>	°C % r.F.	≥ + 5 40 - 80	≥ + 5 40 - 80	–
	Thermal extension coefficient $\alpha$	1/K	12.9*10 <sup>-6</sup>	12.9*10 <sup>-6</sup>	–
	Shrinkage and expansion per change in temperature	mm/(mK)	≤ 0.02	≤ 0.02	–
	Bending tensile strength	N/mm <sup>2</sup>	≥ 4.2	≥ 10.5	–
	E-modulus	N/mm <sup>2</sup>	≥ 2200	≥ 6000	–

1) Raw board

### Notes

#### Application

Application is carried out in accordance with relevant standards and in accordance with Knauf riessler detail documentation.

#### Veneer

The veneering is carried out at the factory in several steps. The building material class is only ensured in connection with the veneering and lacquer from Knauf riessler.

#### Disposal

Waste Code (AVV code):  
17 08 02  
17 09 04

### Knauf Direkt

#### Technical Advisory Service:

Tel.: +49 9001 31-1000\*  
Drywall and Floor Systems  
Fax: +49 1805 31-4000\*\*  
www.knauf-riessler.de

\* Call rates to Knauf Direkt from within the German landline network: 0.39 € per Min., Callers whose phone numbers are not registered in the Knauf address database, e. g. private builders or non-patrons are charged 1.69 €/Min. Calls from mobile phones may differ and will be charged acc. to net provider and call rate.

\*\* Fax: 0.14 €/Min. within the German landline network

All technical changes reserved. Only the current printed instructions are valid. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer. All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require the express permission of Firma Knauf riessler, Süßwiesenstraße 10, 74549 Wolpertshausen, Tel.: +49 7904 944681-0, Fax: +49 7904 944681-10. Delivery via professional building material distributors only, in accordance with our current business, delivery and payment terms.

The structural and physical properties of the Knauf riessler systems can only be achieved through the exclusive use of Knauf riessler system components or with other products recommended by Knauf.

# VINOVApanel – HPL

## THE GYPSUM FIBRE BOARD WITH HPL-COATING



### Product description

- ⊕ **Board type**  
pr DIN EN 14190
- ⊕ **Order information**  
Board thickness 12, 16, 18, 25 mm  
  
Standard sizes  
3000 x 600 mm  
2500 x 600 mm  
2000 x 600 mm  
1500 x 600 mm  
1200 x 600 mm  
600 x 600 mm  
  
Other thicknesses and sizes on request
- ⊕ **HPL coating**  
Standard coating:
  - Single colour
  - Wood decor  
Special coating possible
- ⊕ **Storage**  
On wooden pallets in a dry environment

### Area of application

VINOVApanel - HPL is used in all areas of interior finishing and throughout high-quality drywall systems that place high demands on creative design.

The enhanced surface techniques of VINOVApanel enable a high degree of design flexibility meaning the demands of the future can already be met today.

Requirements related to sound-insulation, acoustics, fire protection and robustness are met by VINOVApanel and reinforced by the corresponding system testing that is in place.

This system testing information is then used together with the high degree of design flexibility provided by the board to deliver the perfect creative solution.

### Systems

- ⊕ Ceiling lining and suspended ceilings
- ⊕ Wall systems
- ⊕ Impact walls
- ⊕ Impact protection
- ⊕ Acoustic systems


### Properties and added value

- ⊕ Simple and quick installation
- ⊕ Universally applicable
- ⊕ Robust surface
- ⊕ Good core cohesion under fire exposure
- ⊕ Easy application
- ⊕ Curved shapes are available upon request
- ⊕ Low swelling and shrinking with changes in climate conditions
- ⊕ 2D shapes possible
- ⊕ Ecologically certified baseboard

# VINOVApanel – HPL

## THE GYPSUM FIBRE BOARD WITH HPL-COATING

### Technical Data

	VINOVApanel	unit	1100	1500	Standard
 <p>max. 600 mm</p> <p>max. 3000 mm</p> <p><b>Edge formation</b> Printed/unprinted</p> <p><b>Dimensional tolerances</b> Width: ± 0.3 mm/m Length: ± 0.3 mm/m Thickness flat: ± 0.15 mm</p>	<b>Reaction to fire: raw board</b>	–	A1	A1	DIN EN 13501-1
	<b>Water vapour diffusion resistance <math>\mu</math> <sup>1)</sup></b>		17	30	DIN 52615
	<b>Thermal conductivity <math>\lambda</math></b>	W/(m·K)	0.38	0.44	DIN EN 12664
	<b>Density</b>	kg/m <sup>3</sup>	≥ 1100	≥ 1500	
	<b>Board weights</b>				
	Board thickness 12 mm	kg/m <sup>2</sup>	14.4	19.2	–
	Board thickness 16 mm	kg/m <sup>2</sup>	19.2	25.6	–
	Board thickness 18 mm	kg/m <sup>2</sup>	21.6	28.8	–
	Board thickness 25 mm	kg/m <sup>2</sup>	30.0	40.0	–
	<b>Specific heat capacity <math>c</math></b>	J/(kgK)	> 1000	> 1000	–
	<b>Hygrothermal installation conditions</b>	°C % r.F.	≥ + 5 40 - 80	≥ + 5 40 - 80	–
	<b>Thermal coefficient of expansion <math>\alpha</math></b>	1/K	12.9*10 <sup>-6</sup>	12.9*10 <sup>-6</sup>	–
	<b>Shrinkage and expansion per change in temperature</b>	mm/(mK)	≤ 0.02	≤ 0.02	–
	<b>Bending tensile strength</b>	N/mm <sup>2</sup>	≥ 4.2	≥ 10.5	–
	<b>E-modulus</b>	N/mm <sup>2</sup>	≥ 2200	≥ 6000	–

1) Raw board

### Notes

#### Application

Application is carried out in accordance with relevant standards and in accordance with Knauf riessler detail documentation.

#### HPL coating

The HPL coating is carried out at the factory in several steps.

#### Disposal

Waste code number (AVV-Code):  
17 08 02  
17 09 04

### Knauf Direkt

#### Technical Advisory Service:

Tel.: +49 9001 31-1000\*  
Drywall and Floor Systems  
Fax: +49 1805 31-4000\*\*  
www.knauf-riessler.de

\* Call rates to Knauf Direkt from within the German landline network: 0.39 € per Min., Callers whose phone numbers are not registered in the Knauf address database, e. g. private builders or non-patrons are charged 1.69 €/Min. Calls from mobile phones may differ and will be charged acc. to net provider and call rate.

\*\* Fax: 0.14 €/Min. within the German landline network

All technical changes reserved. Only the current printed instructions are valid. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer. All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require the express permission of Firma Knauf riessler, Süßwiesenstraße 10, 74549 Wolpertshausen, Tel.: +49 7904 944681-0, Fax: +49 7904 944681-10. Delivery via professional building material distributors only, in accordance with our current business, delivery and payment terms.

The structural and physical properties of the Knauf riessler systems can only be achieved through the exclusive use of Knauf riessler system components or with other products recommended by Knauf.



# VINOVApanel – Lacquer

## THE GYPSUM FIBRE BOARD LACQUERED



### Product description

- ⊕ **Board type**  
pr DIN EN 14190
- ⊕ **Order information**  
Board thickness 12, 16, 18, 25 mm  
  
Standard sizes  
3000 x 600 mm  
2500 x 600 mm  
2000 x 600 mm  
1500 x 600 mm  
1200 x 600 mm  
600 x 600 mm  
  
Other thicknesses and sizes on request.
- ⊕ **Lacquer**  
Clear lacquer  
  
RAL and NCS upon request
- ⊕ **Storage**  
On wooden pallets in a dry environment

### Area of application

VINOVApanel - Lacquer is used in all areas of interior finishing and throughout high-quality drywall systems that place high demands on creative design.

The enhanced surface techniques of VINOVApanel enable a high degree of design flexibility meaning the demands of the future can already be met today.

Requirements related to sound-insulation, acoustics, fire protection and robustness are met by VINOVApanel and reinforced by the corresponding system testing that is in place.

This system testing information is then used together with the high degree of design flexibility provided by the board to deliver the perfect creative solution.

### Systems

- ⊕ Ceiling lining and suspended ceilings
- ⊕ Wall systems
- ⊕ Impact walls
- ⊕ Impact protection
- ⊕ Acoustic systems



### Properties and added value

- ⊕ Simple and quick installation
- ⊕ Non-combustible A2-s1, d0
- ⊕ Universally applicable
- ⊕ Robust surface
- ⊕ Good core cohesion under fire exposure
- ⊕ Easy application
- ⊕ Bendable
- ⊕ Low swelling and shrinking with changes in climate conditions
- ⊕ 3D shapes possible
- ⊕ Ecologically certified baseboard

# VINOVApanel – Lacquer

## THE GYPSUM FIBRE BOARD LACQUERED

### Technical Data

	VINOVApanel	unit	1100	1500	Standard
 <p>max. 3000 mm</p> <p>max. 600 mm</p> <p><b>Edge formation</b> lacquered/unlacquered</p> <p><b>Dimensional tolerances</b> Width: ± 0.3 mm/m Length: ± 0.3 mm/m Thickness flat: ± 0.15 mm Thickness curved: ± 0.5 mm</p> <p><b>Minimum bending radius</b> Board thickness <math>\delta</math> mm <math>r \geq 300</math> mm (Note extended residence time due to hydrophobic core)</p> 	Reaction to fire: raw board	–	A1	A1	DIN EN 13501-1
	Reaction to fire: VINOVApanel - lacquer	–	A2-s1, d0	A2-s1, d0	DIN EN 13501-1
	Water vapour diffusion resistance $\mu$ <sup>1)</sup>	–	17	30	DIN 52615
	Thermal conductivity $\lambda$	W/(m·K)	0.38	0.44	DIN EN 12664
	Density	kg/m <sup>3</sup>	≥ 1100	≥ 1500	–
	<b>Board weights</b>				
	Board thickness 12 mm	kg/m <sup>2</sup>	14.4	19.2	–
	Board thickness 16 mm	kg/m <sup>2</sup>	19.2	25.6	–
	Board thickness 18 mm	kg/m <sup>2</sup>	21.6	28.8	–
	Board thickness 25 mm	kg/m <sup>2</sup>	30.0	40.0	–
	Specific heat capacity $c$	J/(kgK)	> 1000	> 1000	–
	<b>Hygrothermal installation conditions</b>	°C % r.F.	≥ + 5 40 - 80	≥ + 5 40 - 80	–
	Thermal extension coefficient $\alpha$	1/K	12,9*10 <sup>-6</sup>	12,9*10 <sup>-6</sup>	–
	Shrinkage and expansion per change in temperature	mm/(mK)	≤ 0.02	≤ 0.02	–
	Bending tensile strength	N/mm <sup>2</sup>	≥ 4.2	≥ 10.5	–
	E-modulus	N/mm <sup>2</sup>	≥ 2200	≥ 6000	–

1) Raw board

### Notes

#### Application

Application is carried out in accordance with relevant standards and in accordance with Knauf riessler detail documentation.

#### Lacquer

The lacquer is applied at the factory in several steps. The building material class is only ensured in connection with the lacquer from Knauf riessler.

#### Disposal

Waste Code (AVV code):  
17 08 02  
17 09 04

### Knauf Direkt

#### Technical Advisory Service:

Tel.: +49 9001 31-1000\*  
Drywall and Floor Systems  
Fax: +49 1805 31-4000\*\*  
www.knauf-riessler.de

\* Call rates to Knauf Direkt from within the German landline network: 0.39 € per Min., Callers whose phone numbers are not registered in the Knauf address database, e. g. private builders or non-patrons are charged 1.69 €/Min. Calls from mobile phones may differ and will be charged acc. to net provider and call rate.  
\*\* Fax: 0.14 €/Min. within the German landline network

All technical changes reserved. Only the current printed instructions are valid. Our warranty is expressly limited to our products in flawless condition. All application quantities and delivery amounts are based on empirical data that are not easily transferable to other deviating areas. The stated information represents current state-of-the-art Knauf technology. The entire state of approved engineering rules, appropriate standards, guidelines, and rules of craftsmanship are not included herewith. These and all application instructions have to be adhered to separately by the installer. All rights reserved. All amendments, reprints and photocopies, including those of excerpts, require the express permission of Firma Knauf riessler, Süßwiesenstraße 10, 74549 Wolpertshausen, Tel.: +49 7904 944681-0, Fax: +49 7904 944681-10. Delivery via professional building material distributors only, in accordance with our current business, delivery and payment terms.

The structural and physical properties of the Knauf riessler systems can only be achieved through the exclusive use of Knauf riessler system components or with other products recommended by Knauf.