

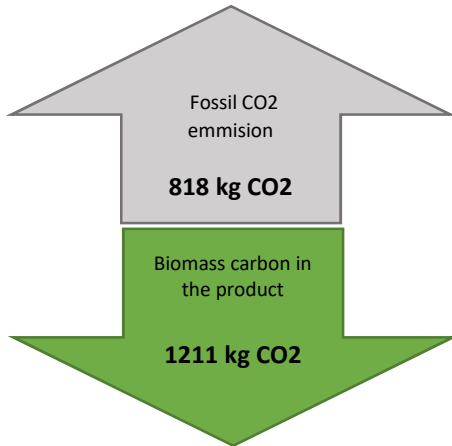
## KPPP CARBON FOOTPRINT INFORMATION

**Product**                      **ArtiLine, 70-110 g/m<sup>2</sup>**  
**Company**                    **Kabel Premium Pulp & Paper GmbH**  
**Mill**                            **Kabel Mill**



Information gathered from  
 Date of issue

01.01.2020  
 30.04.2021



818 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 400 kg/tonne of biomass carbon equivalent to 1211 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1211
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	353	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	4	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	32	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	410	
TOE 7:	Greenhouse gas emissions associated with transportation	19	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		818	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

### More information

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 E-Mail                      [silke.zimmer@kabelpaper.de](mailto:silke.zimmer@kabelpaper.de)

## KPPP CARBON FOOTPRINT INFORMATION



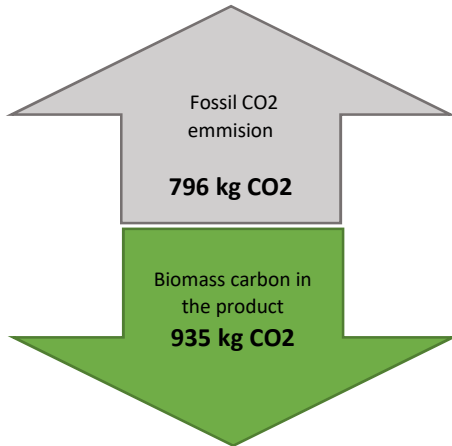
<b>TOE 1: Carbon sequestration in the forest</b> For KPPP forest certification and traceability of fiber supply through certified chain of custodies ensures sustainable forest management. It ensures that carbon stocks in forests remain stable or even improve over time. However, in many cases it is difficult to isolate this effect, attributable to a specific product and forest area.
<b>TOE 2: Carbon stored in the product</b> The amount of CO <sub>2</sub> stored in the product is calculated according to the IPCC formula in the CEPI framework.
<b>TOE 3: GHG emissions from pulp and paper production</b> The energy sources required to process the fibers (electricity, steam, gas) including the emission in the pulp mill are taken into account. Furthermore, emissions caused by internal transport are taken into account. This is based on the current emission value of the german energy mix.
<b>TOE 4: GHG emissions associated with generating the supply of wood or recovered fibre</b> The processing of virgin fibres including thinning, harvesting and loading onto trucks is considered.
<b>TOE 5: GHG emissions associated with producing other raw materials</b> The emissions resulting out of production of all other raw materials are taken into account. Considered are only quantities with a ratio of more than 1% in the finished product. The calculation of all raw materials contained in the paper is based on to 1 tonne of finished paper.
<b>TOE 6: GHG emissions associated with purchased electricity and steam</b> This section presents the company's net energy balance. KPPP considers only the purchased energy quantities, since no energy sale takes place. This is based on the current emission value of the german energy mix.
<b>TOE 7: Transport-related GHG emissions</b> KPPP indicates which emissions are produced by transporting the raw materials from the production site to the paper mill. The focus is on these quantities, with a rate of than 1% of the finished paper. The calculation of all raw materials in the paper is extrapolated to 1 tonne of finished paper.
<b>TOE 8: GHG emissions atributble to product use (e.g. printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

# KPPP CARBON FOOTPRINT INFORMATION

**Product** Terra Print Premium, 65-110 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2020  
 Date of issue 30.04.2021



796 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 216 kg/tonne of biomass carbon equivalent to 935 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		935
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	314	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	4	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	39	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	410	
TOE 7:	Greenhouse gas emissions associated with transportation	27	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		796	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

### More information

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## KPPP CARBON FOOTPRINT INFORMATION



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<b>TOE 4: GHG emissions associated with generating the supply of wood or recovered fibre</b> The processing of virgin fibres including thinning, harvesting and loading onto trucks is considered.
<b>TOE 5: GHG emissions associated with producing other raw materials</b> The emissions resulting out of production of all other raw materials are taken into account. Considered are only quantities with a ratio of more than 1% in the finished product. The calculation of all raw materials contained in the paper is based on to 1 tonne of finished paper.
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<b>TOE 8: GHG emissions atributble to product use (e.g.printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-managment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.



## KPPP CARBON FOOTPRINT INFORMATION



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## KPPP CARBON FOOTPRINT INFORMATION



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<b>TOE 8: GHG emissions atributble to product use (e.g.printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-managment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.





## KPPP CARBON FOOTPRINT INFORMATION



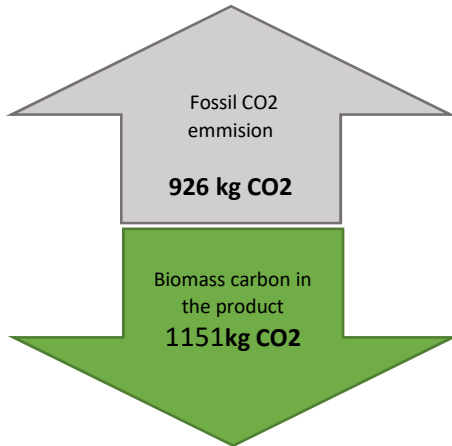
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<p><b>TOE 4: GHG emissions associated with generating the supply of wood or recovered fibre</b> The processing of virgin fibres including thinning, harvesting and loading onto trucks is considered.</p>
<p><b>TOE 5: GHG emissions associated with producing other raw materials</b> The emissions resulting out of production of all other raw materials are taken into account. Considered are only quantities with a ratio of more than 1% in the finished product. The calculation of all raw materials contained in the paper is based on to 1 tonne of finished paper.</p>
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<p><b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.</p>
<p><b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.</p>

# KPPP CARBON FOOTPRINT INFORMATION



**Product** NeoPress G, 39 - 48 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill

Information gathered from 01.01.2020  
 Date of issue 30.04.2021



926 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 300 kg/tonne of biomass carbon equivalent to 1151 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1151
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	314	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	5	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	70	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	502	
TOE 7:	Greenhouse gas emissions associated with transportation	35	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		926	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

### More information

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 E-Mail [silke.zimmer@kabelpaper.de](mailto:silke.zimmer@kabelpaper.de)

## KPPP CARBON FOOTPRINT INFORMATION



<b>TOE 1: Carbon sequestration in the forest</b> For KPPP forest certification and traceability of fiber supply through certified chain of custodies ensures sustainable forest management. It ensures that carbon stocks in forests remain stable or even improve over time. However, in many cases it is difficult to isolate this effect, attributable to a specific product and forest area.
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<b>TOE 4: GHG emissions associated with generating the supply of wood or recovered fibre</b> The processing of virgin fibres including thinning, harvesting and loading onto trucks is considered.
<b>TOE 5: GHG emissions associated with producing other raw materials</b> The emissions resulting out of production of all other raw materials are taken into account. Considered are only quantities with a ratio of more than 1% in the finished product. The calculation of all raw materials contained in the paper is based on to 1 tonne of finished paper.
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<b>TOE 8: GHG emissions atributble to product use (e.g. printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

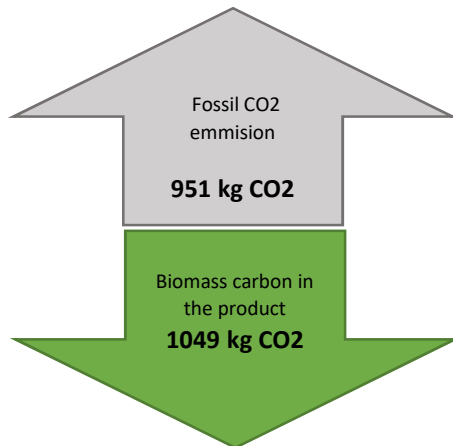
## KPPP CARBON FOOTPRINT INFORMATION

**Product** NeoPress G, 51 - 65 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from  
 Date of issue

01.01.2020  
 30.04.2021



951 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 237 kg/tonne of biomass carbon equivalent to 1049 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1049
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	355	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	5	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	63	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	502	
TOE 7:	Greenhouse gas emissions associated with transportation	26	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		951	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

### More information

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## KPPP CARBON FOOTPRINT INFORMATION



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<b>TOE 8: GHG emissions atributble to product use (e.g. printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

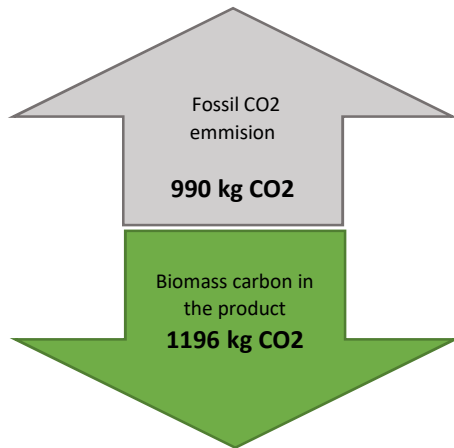
## KPPP CARBON FOOTPRINT INFORMATION

**Product** NeoPress O, 45 - 65 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from  
 Date of issue

01.01.2020  
 30.04.2021



990 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 268 kg/tonne of biomass carbon equivalent to 1196 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1196
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	406	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	6	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	57	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	502	
TOE 7:	Greenhouse gas emissions associated with transportation	20	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		990	

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\* based on the real energy mix of Germany (2017)

### More information

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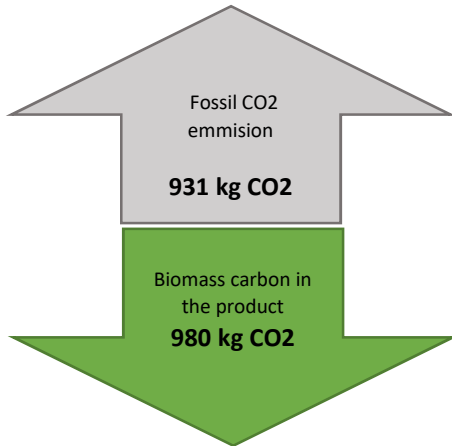


# KPPP CARBON FOOTPRINT INFORMATION

**Product** TerraPress G, 57 - 70 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2020  
 Date of issue 30.04.2021



931 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 228 kg/tonne of biomass carbon equivalent to 980 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		980
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	329	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	5	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	74	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	502	
TOE 7:	Greenhouse gas emissions associated with transportation	22	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		931	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

### More information

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 Schwerter Str. 263, D-58099 Hagen  
 E-Mail [silke.zimmer@kabelpaper.de](mailto:silke.zimmer@kabelpaper.de)

## KPPP CARBON FOOTPRINT INFORMATION



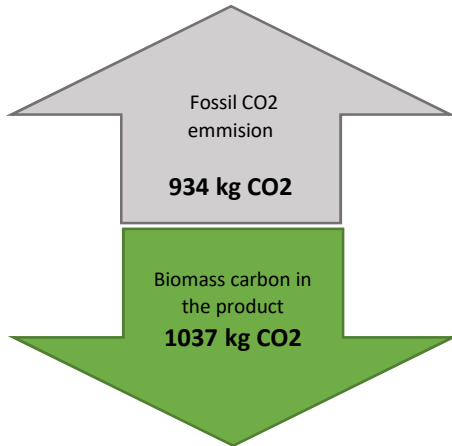
<b>TOE 1: Carbon sequestration in the forest</b> For KPPP forest certification and traceability of fiber supply through certified chain of custodies ensures sustainable forest management. It ensures that carbon stocks in forests remain stable or even improve over time. However, in many cases it is difficult to isolate this effect, attributable to a specific product and forest area.
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<b>TOE 3: GHG emissions from pulp and paper production</b> The energy sources required to process the fibers (electricity, steam, gas) including the emission in the pulp mill are taken into account. Furthermore, emissions caused by internal transport are taken into account. This is based on the current emission value of the german energy mix.
<b>TOE 4: GHG emissions associated with generating the supply of wood or recovered fibre</b> The processing of virgin fibres including thinning, harvesting and loading onto trucks is considered.
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<b>TOE 7: Transport-related GHG emissions</b> KPPP indicates which emissions are produced by transporting the raw materials from the production site to the paper mill. The focus is on these quantities, with a rate of than 1% of the finished paper. The calculation of all raw materials in the paper is extrapolated to 1 tonne of finished paper.
<b>TOE 8: GHG emissions atributble to product use (e.g.printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-managment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

# KPPP CARBON FOOTPRINT INFORMATION

**Product** TerraPress O, 54 - 60 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2020  
 Date of issue 30.04.2021



943 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 238 kg/tonne of biomass carbon equivalent to 1037 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1037
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	349	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	5	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	64	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	502	
TOE 7:	Greenhouse gas emissions associated with transportation	23	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		943	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

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## KPPP CARBON FOOTPRINT INFORMATION



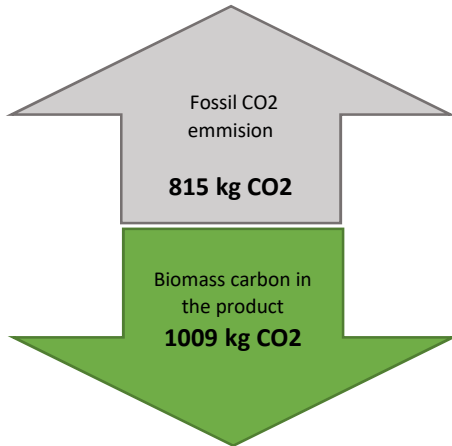
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<b>TOE 8: GHG emissions atributble to product use (e.g. printing)</b> This element is not considered.
<b>TOE 9: GHG emissions attributable to end-of-life-managment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

# KPPP CARBON FOOTPRINT INFORMATION



**Product** TerraPress O, 65-90 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill

Information gathered from 01.01.2020  
 Date of issue 30.04.2021



815 kg/tonne of fossil CO<sub>2</sub> were emitted during the manufacturing of this product.

This product contains 252 kg/tonne of biomass carbon equivalent to 1009 kg/tonne of fixed CO<sub>2</sub>.

		Fossile CO <sub>2</sub> kg per tonne paper	Biogenic CO <sub>2</sub> kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		1009
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	331	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	4	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	48	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	410	
TOE 7:	Greenhouse gas emissions associated with transportation	22	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		815	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

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## KPPP CARBON FOOTPRINT INFORMATION



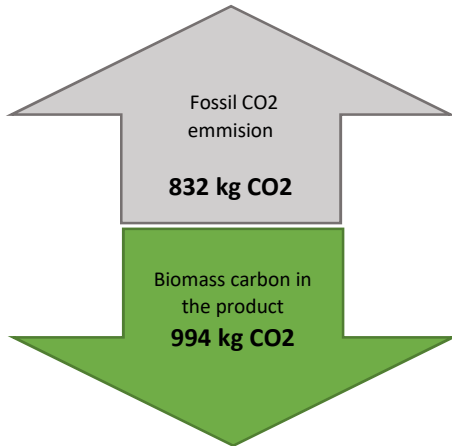
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<b>TOE 9: GHG emissions attributable to end-of-life-magment of products</b> This element is not considered.
<b>TOE 10: Avoided amissions (e.g. superior energy efficiency or carbon offsetting measures)</b> This element is not considered.

# KPPP CARBON FOOTPRINT INFORMATION

**Product** TerraPrint, 65-90 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2020  
 Date of issue 30.04.2021



832 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 225 kg/tonne of biomass carbon equivalent to 994 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		994
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	336	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	5	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	56	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	410	
TOE 7:	Greenhouse gas emissions associated with transportation	25	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		832	

This Carbon Footprint has been calculated according the manual "CEPIPRINT AND CEPIFINE'S USER GUIDE TO THE CARBON FOOTPRINT OF GRAHIC PAPER".

\* based on the real energy mix of Germany (2017)

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## KPPP CARBON FOOTPRINT INFORMATION



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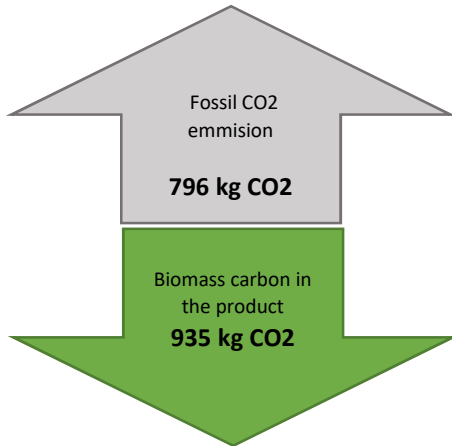


# KPPP CARBON FOOTPRINT INFORMATION

**Product** Terra Print Premium, 65-110 g/m<sup>2</sup>  
**Company** Kabel Premium Pulp & Paper GmbH  
**Mill** Kabel Mill



Information gathered from 01.01.2020  
 Date of issue 30.04.2021



796 kg/tonne of fossil CO2 were emitted during the manufacturing of this product.

This product contains 216 kg/tonne of biomass carbon equivalent to 935 kg/tonne of fixed CO2.

		Fossile CO2 kg per tonne paper	Biogenic CO2 kg per tonne paper
TOE 1:	Biomass carbon removal and storage 2 in forests		0
TOE 2:	Biomass carbon in paper and board products		935
TOE 3:	Greenhouse gas emissions from paper and board products' manufacturing facilities	314	
TOE 4:	Greenhouse gas emissions associated with generating the supply of wood or recovered fibre	4	
TOE 5:	Greenhouse gas emissions associated with producing other raw materials/fuels	39	
TOE 6:	Greenhouse gas emissions associated with purchased and sold electricity, steam, heat, and hot and cold water*	410	
TOE 7:	Greenhouse gas emissions associated with transportation	27	
TOE 8:	Greenhouse gas emissions associated with product use		
TOE 9:	Greenhouse gas emissions associated with product end of life		
TOE 10:	Avoided greenhouse gas emissions(optional)		
		796	

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