

NEENAH COLDENHOVE

TERRA U4000

**SIMPLIFIES &
PROTECTS.**

**OUR ANSWER TO
SUSTAINABLE PACKAGING.**



Worldwide
availability



Premium
quality



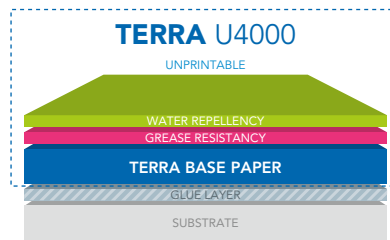
Cost efficient
solution



Your sustainable
partner

TERRA ■ SPECIFICATION

TERRA® U4000	Unprintable high barrier paper
GSM*	55/70/90
Water repellency	☹ ☹ ☹ ☹
Grease resistancy	☹ ☹
Heat sealable	Yes



*Other grammages can be available on request. For specific interest contact the licensed agent or Neenah Coldenhove sales representative.

Terra U4000 is a 55 g/m² machine glazed virgin fiber base paper, inline coated with a repulpable food approved barrier coating. Terra U4000 has a specific coating which creates a high-level barrier against water as well as a good repellency for greasy substances. Terra U4000 distinguishes itself for its highest water repellency making it best suitable for packaging requiring this type of protection. The product is heat sealable and is not printable on the coated side.

TRANSITION TO GREATER SUSTAINABILITY

In a world where environmentally friendly packaging is becoming the new standard, it is time to switch to packaging with better recyclability options and reduced carbon footprints. Neenah Coldenhove introduced Terra in 2017. The Terra product line consists of a range of papers equipped with high barrier properties. The endeavor of Terra is to replace PE coated papers with more sustainable solutions. Neenah Coldenhove applies the repulpable barrier coatings inline while producing the paper. It results in less waste compared to off-line coating efforts and subsequently reduces transportation movements. A lifecycle comparison analysis between conventional methods and ours, resulted in 35% lower CO₂ emissions.

(Source: CE-Delft)

- Coating production is less CO₂-intensive. ↓ 10%
- Dissolvable coating enables recycling, so no incineration of fibres. ↓ 20%
- Up to 2,400 km less transportation. ↓ 5%

APPLICATIONS & MARKETS

It is our responsibility to design and manufacture products with the lowest possible impact on the environment be it in the pre-use, use and post-use phase. With our partners, we strive for sustainable manufacturing of high-tech barrier papers with the best recyclability options. Terra finds its applications in food on the go markets like bake-off and fast food. Further in agricultural applications like packaging of flowers, vegetables and fish. Terra products can be used as a mono material in bags and pouches or as a protective liner in corrugated- or solid board boxes.

TERRA PRODUCTS

	GSM	50/60/70/80
TERRA K2000 Standard bleached kraft	Water repellency	No
	Grease resistancy	No
	Heat sealable	No
TERRA P3000 Standard liner	GSM	48/60
	Water repellency	☹
	Grease resistancy	No
	Heat sealable	No
TERRA P5000 Printable high barrier paper	GSM	60/70/90
	Water repellency	☹ ☹ ☹
	Grease resistancy	☹ ☹ ☹
	Heat sealable	No



STORAGE AND HANDLING

- Store material in original packaging only.
- Avoid exposure to direct sunlight and extreme weather conditions.

Scan the QR code for instructional video or go to the link www.neenahcoldenhove.com

SUSTAINABILITY



Thanks to our inhouse water recovery management system, we re-use 95% of the water we need for paper production. After the water has been used 9 times it is cleaned in our own water effluent plant which we share with our 2 neighboring papermills in Eerbeek since 1960.



We invest in saving and re-using energy. Residual heat is used for heating offices in the winter and the public swimming pool in the summer of Eerbeek in the summer.



All our Terra papers contain high quality fibers harvested from FSC managed forests.

CERTIFICATIONS



The mark of responsible forestry

