



Level 2

SEAQUAL® & Georg+Otto Friedrich - Together for a Clean Ocean

## Sustainable fabrics made from SEAQUAL® polyester - together for cleaner oceans and beaches

It is estimated that around 12 million tons of waste end up in the sea every year. A large part of it consists of plastic which takes centuries to decompose.

But marine plastic can be upcycled into new, environmentally friendly polyester fibres. With every roll of our **sustainable textiles made from SEAQUAL® yarn**, you help to clean up the oceans and beaches from plastic waste.

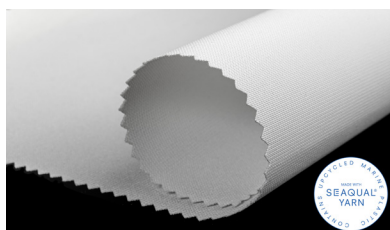
- ▶ SEAQUAL® polyester offers all advantages of conventional (virgin) polyester
- ▶ collection and processing of marine plastic as well as yarn production takes place in Europe
- ▶ SEAQUAL® yarn is certified according to OEKO-TEX® STANDARD 100 and Global Recycle Standard
- ▶ 1 kg of SEAQUAL® yarn reduces waste in the oceans by approx. 0,6 - 1,0 kg

For each roll of FrameTex Blue  
50 kg of marine plastic is removed.



### DecoTex Blue | 7058RCO6GFS

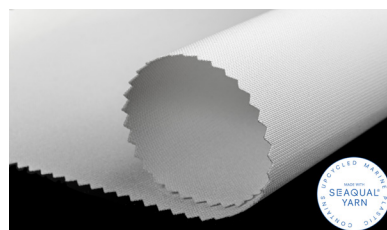
- made of > 60 % SEAQUAL® polyester
- advertising applications, frame systems and banner
- flame retardant according to EN 13501
- weight: 220 g/m<sup>2</sup>
- available from stock in a width of 320 cm



SEAQUAL® textile certificate no.: SY062WK2000119

### FrameTex Blue | 7188RCOGFS

- made of 100 % SEAQUAL® polyester
- advertising applications, frame systems and banner
- flame retardant according to EN 13501
- weight: 185 g/m<sup>2</sup>
- available from stock in a width of 320 cm



SEAQUAL® textile certificate no.: SY100WK2100351



Please help to protect our oceans

## TOGETHER FOR A CLEAN OCEAN

The SEAQUAL® Initiative is committed to cleaning the oceans of marine litter. Through coordinated clean-up programmes, marine litter is collected from our beaches, seabed and ocean surface, rivers and estuaries.

The marine litter is then sorted into different types of material, the plastic content is cleaned and converted into **Upcycled Marine Plastic™**. Upcycled Marine Plastic™ is spun into SEAQUAL® yarn and forms the basis for our sustainable fabrics made from recycled marine plastic.

**By the way: SEAQUAL® yarn is certified and fully traceable.**



## Warp-knitted textiles made from recycled PET - our RETEX+RC product family

Fabrics made of SEAQUAL® yarn - produced from recycled plastic waste from the Mediterranean - are particularly sustainable.

They help to protect the marine ecosystem and marine life.

At the same time, the production of new textiles conserves fossil raw materials.

Our rPET textiles are made in Germany using exclusively European yarns only.

By manufacturing **RETeX+** products we are actively contributing to a more **sustainable textile economy**:



- every tonne of recycled PET **reduces CO<sub>2</sub> emissions** by three tonnes
- around **50 % less energy** is consumed in the production of articles made from recycled PET
- the production of fabrics from rPET saves up to **29 % CO<sub>2</sub>** compared to the production of new polyester

## About SEAQUAL® INITIATIVE

Our environmental partner SEAQUAL® Initiative is a community of NGOs, fishermen, authorities, organisations and companies based in Spain that actively campaigns against plastic pollution worldwide.

They are working together to collect marine litter and upcycle it into new, sustainable polyester fibres in cooperation with local recycling partners.

**Become a SEAQUAL® licence holder, too and help cleaning the oceans of marine litter.**

### More information:



video SEAQUAL® Initiative (YouTube)



<https://www.seaqual.org/>

© SEAQUAL is a registered trade mark.

Before using the SEAQUAL® brand name and logos, please sign the SEAQUAL® license agreement.

Upcycled Marine Plastic™ of the SEAQUAL® Initiative is certified and fully traceable.



Going Green

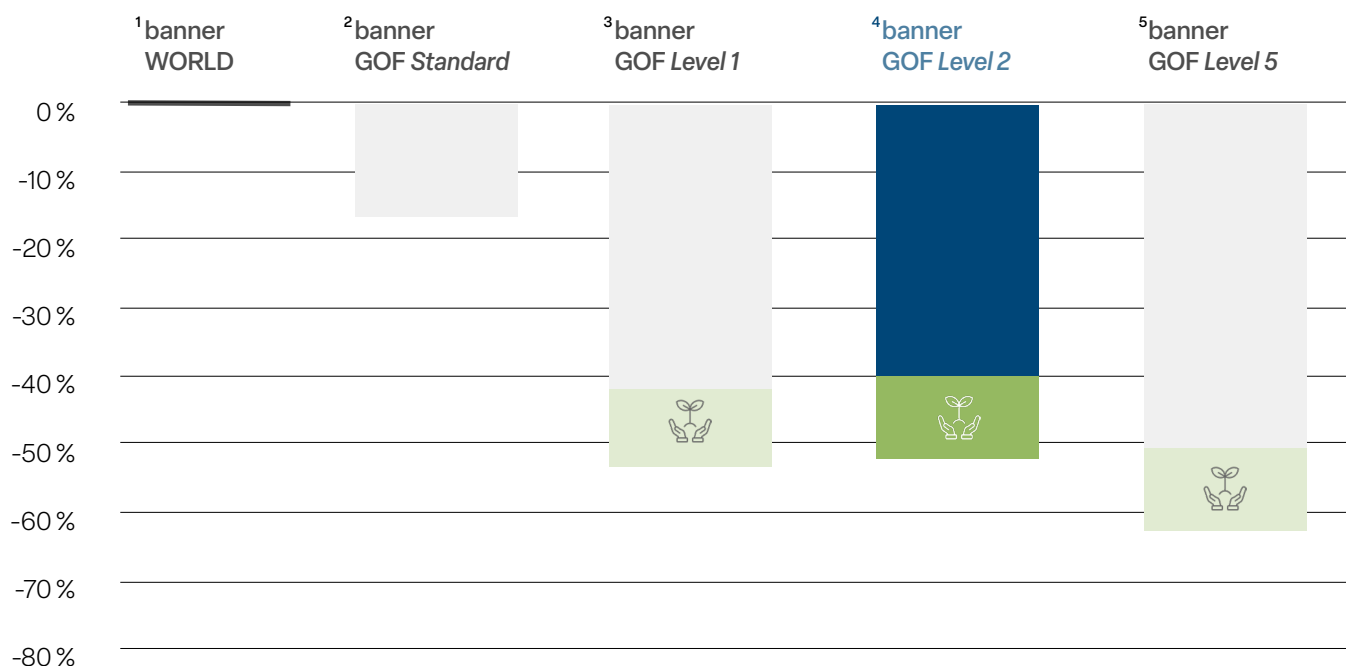


## CO<sub>2</sub> savings compared

Calculations are based on the standard values of polyester in conjunction with current data of the global energy mix compared to the primary energy consumption in Germany;

data available: <https://www.worldenergy.org/> / <https://ourworldindata.org/energy-mix>

Further key points of analysis for banner GOF: GHG Scope 1 - 3, Institute EDENBERG, supplier information, CO<sub>2</sub> compensation, energy mix GOF, End-of-Life (EoL)



By using Upcycled Marine Plastic™ by SEAQUAL® (regenerated yarn made from marine litter) we are committed to a cleaner Mediterranean Sea. At the same time, the production of new warp-knitted textiles from regenerated yarns conserves fossil resources, reduces energy consumption and cuts CO<sub>2</sub> emissions.

Additionally, for every roll of our SEAQUAL® polyester textiles sold, we plant a tree in cooperation with our certified environmental partner **PLANT-MY-TREE®**.

Contact us for more information.

<sup>1</sup>vPET, energy mix World incl. transportation and EoL

<sup>2</sup>vPET, energy mix GOF, GHG Scope 1 - 3, Institute EDENBERG, supplier information, EoL

<sup>3</sup>rPET, energy mix GOF, GHG Scope 1 - 3, Institute EDENBERG, supplier information, CO<sub>2</sub> compensation, EoL

<sup>4</sup>SEAQUAL®-PET, energy mix GOF, GHG Scope 1 - 3, Institute EDENBERG, supplier information, CO<sub>2</sub> compensation, EoL

<sup>5</sup>nPET, energy mix GOF, GHG Scope 1 - 3, Institute EDENBERG, supplier information, CO<sub>2</sub> compensation, no EoL

### Explanations:

GHG Scope 1 - 3	Greenhouse Gas Protocol, recording of direct and indirect emissions over the entire product cycle
Institute EDENBERG	Edenberg Nachhaltigkeitsberatung UG under the management of Prof. Dr. Bastian Schröter
CO <sub>2</sub> compensation	reforestation projects with PLANT-MY-TREE®
energy mix GOF	energy mix Germany incl. renewable energies and Going Green initiatives by GOF
nPET	ReNew™ PET (in vPET quality)

