# SURETEC

SUSTAINABLE RECYCLING TECHNOLOGY





## BUILDING FOR TOMORROW. IT'S OUR COMMITMENT TO SUSTAINABILITY.

24 R&D laboratories

3 research & innovation centers

4 design centers

33 industrial sites

recycling centers



1.3 million
m² of flooring sold every day
in over 100 countries

€2.6 billion

2020 net sales

More than

12.000

employees

No. 1 in vinyl worldwide



**INNOVATIVE PRODUCTS** 



LIFETIME ASSESSMENT



**CLIMATE PROTECTION** 



**SUSTAINABILITY** 







## WHY SURETEC™? WHY NOW?

- 1,000 synthetic turf fields are removed in Europe every year
- 15,000 tons of plastic waste is generated
- Only an estimated 10% is being recycled
- Opportunity to close the loop on our production cycle



OUR VISION IS TO CREATE A CIRCULAR TURF SOLUTION



## OUR SURETEC<sup>™</sup> INITIATIVES

## **CHEMICAL RECYCLING**

Using mass balance pyrolysis oil from post consumer and/or post-industrial end-of-life plastics..

## MECHANICAL RECYCLING

Transformation of plastic waste into new raw material components

## REPROCESSING END-OF-LIFE

Re-processing of endof-life turf into new turf system components

### ONE POLYMER TURF

Re-engineering turf to make it easier to recycle



### **FIBERS TODAY**



### **AT FIELDTURF**



## MASS BALANCE ISCC CERTIFICATION

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			IS OF THE PROPERTY OF THE PROP	ISCC PLUS Certificate	
				ISCC-PLUS-Cert-90652020	
				SGS Germany GmbH	
				Europa Allee 12, D-49685 Emstek certifies that	
				Morton Extrusionstechnik GmbH Im Pfarrgrund 5 69518 Abtsteinach Germany	
				complies with the requirements of the certification system ISCC PLUS (International Sustainability and Carbon Certification)	
Sustainability Declaration	on according to ISCC P	LUS	V2	8 is certificate is valid from 27. August 2020 to 26. August 2021	
Unique number of Sustainability			Aucon	The site of the system user is certified as:	
Declaration:			W ISCC	polymer extrusion plant scope of the certificate includes the following chain of custody options:	
Date of dispatch:	- 5		International Sustainability Et Carbon Certification	scope of the certificate includes the following chain of custody options.  mass balance	
Place of dispatch:				HS63kmborg	
	Same as address of suppli	ier		8.2020 of issue Stamp, Signature	
Date of issuance	18/01/2021		www.iscc-system.org	The issuing Certification Body is responsible for the accuracy of this document.  Version / Date: 1 (no adjustments) / 27.08.2020	
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#### **CERTIFICATION PROCESS**

- The polymer supplier is ISCC PLUS certified
- Our MET fibre extrusion is ISCC PLUS certified
- Our production plant is ISCC PLUS certified

## PROMAX HYDROFLEX

## PERFORMANCE INFILL USING END-OF-LIFE TURF.

## A FIRST FOR THE SYNTHETIC TURF INDUSTRY.

- Uses recycled end-of-life turf
- Manufactured in our German factory
- Fully recyclable





## NEXT GENERATION COMMUNITY FIELDS











**NEXT GEN SYSTEMS**& MICROPLASTICS

#### **TURF SYSTEMS**

- Low pile to reduce total infill quantity
- Dense, dual fiber construction to reduce infill mobility

#### **SYSTEM & FIELD DESIGN**

- Use of shockpads
- Minimum infill displacement and mobility
- Physical 'ground up' barriers around the pitch
- Advanced silt traps in drainage systems
- Brush off zones and stamp off trays in the entrances/exits

#### **MAINTENANCE**

- Frequency of maintenance practice
- Removal and cleansing of infill materials
- Implementation of Genius™ field monitoring







## THANK YOU

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